

Irrigation Water Requirements

Crop Data Summary

Job: Los Lunas	Crop: Alfalfa, hay, southern
Location: Los Lunas	County: Valencia, NM
By: Rhett	Date: 11/08/04
Weather Station: LOS LUNAS 3 SSW	Sta No: NM5150
Latitude: 3446 Longitude: 10645	Elevation: 4840 feet above sea level
Computation Method: Blaney Criddle (TR21)	Net irrigation application: 2 inches
Crop Curve: Blaney Criddle Perennial Crop	Estimated carryover moisture used at season:
Begin Growth: 4/12 End Growth: 10/20	Begin: 0.5 inches End: 0.5 inches

Month	Total Monthly ET (3) inches	Dry Year 80% Chance (1)		Normal Year 50% Chance (1)		Average Daily ETc inches	Peak Daily ETPk inches
		Effective Precipitation inches	Net Irrigation Requirements inches (2)	Effective Precipitation inches	Net Irrigation Requirements inches (2)		
January	0.00	0.00	0.00	0.00	0.00	0.00	
February	0.00	0.00	0.00	0.00	0.00	0.00	
March	0.00	0.00	0.00	0.00	0.00	0.00	
April	1.97	0.12	1.35	0.17	1.30	0.10	
May	5.91	0.29	5.62	0.41	5.50	0.19	0.21
June	8.44	0.29	8.15	0.40	8.04	0.28	0.31
July	9.67	0.82	8.85	1.16	8.51	0.31	0.34
August	8.29	1.03	7.26	1.46	6.83	0.27	0.29
September	5.47	0.66	4.81	0.94	4.53	0.18	0.19
October	2.15	0.30	1.35	0.43	1.22	0.11	
November	0.00	0.00	0.00	0.00	0.00	0.00	
December	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	41.90	3.50	37.40	4.97	35.93		

(1) For 80 percent occurrence, growing season effective precipitation will be equaled or exceeded 8 out of 10 years. For 50 percent chance occurrence, effective precipitation will be equaled or exceeded 1 out of 2 years.

(2) Net irrigation requirements is adjusted for carryover moisture used at the beginning of the season and carryover moisture used at the end of the growing season.

(3) ET Evapotranspiration) is adjusted upwards 10% per 1000 meters above sea level.

Date: 7/27/2005

Irrigation Water Requirements

Monthly Crop Water Requirements

Job: **Los Lunas**

Crop: **Alfalfa, hay, southern**

Location: **Los Lunas**

Date: **11/08/04**

Computation Method: **Blaney Criddle (TR21)**

Crop Curve: **Blaney Criddle Perennial Crop**

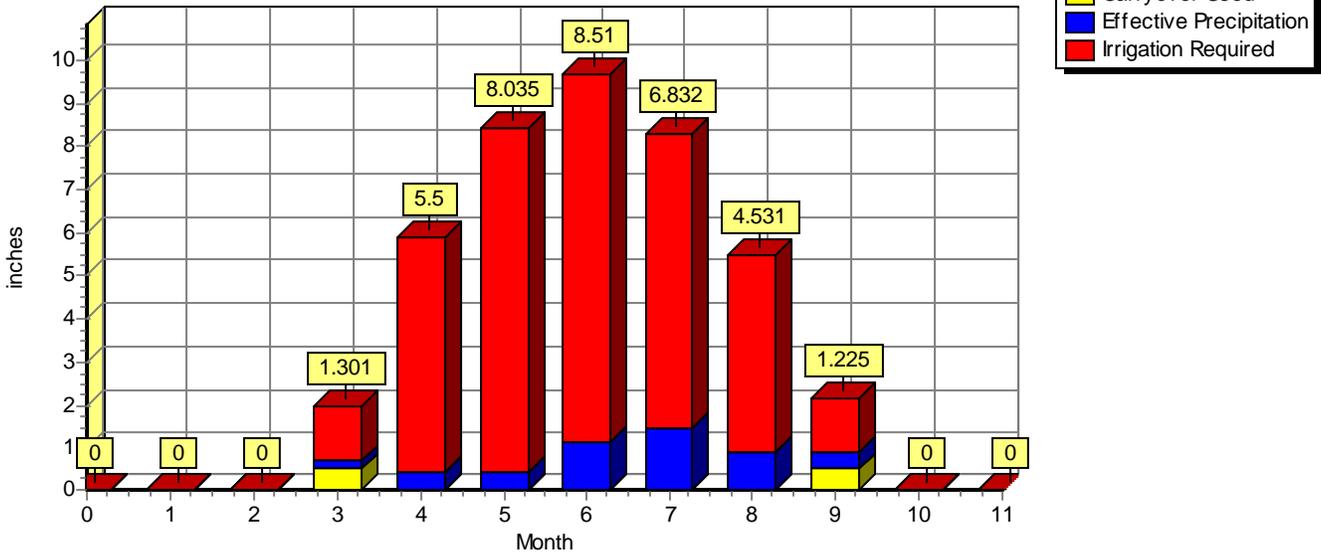
Begin Growth: **4/12** End Growth: **10/20**

Net irrigation application: **2** inches

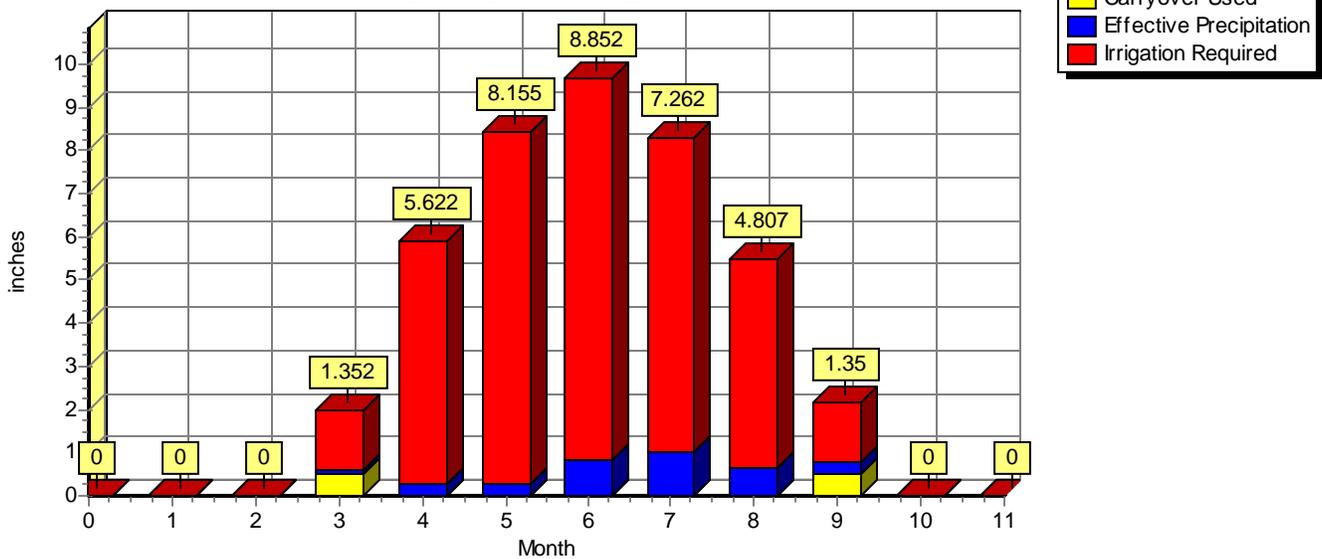
Estimated carryover moisture used at season:

Begin: **0.5** inches End: **0.5** inches

**Irrigation Water Requirements
Normal Year (50% chance)**



**Irrigation Water Requirements
Dry Year (80% chance)**



Irrigation Water Requirements

Crop Data Summary

Job: Los Lunas	Crop: Chile, green
Location: Los Lunas	County: Valencia, NM
By: Rhett	Date: 11/08/04
Weather Station: LOS LUNAS 3 SSW	Sta No: NM5150
Latitude: 3446 Longitude: 10645	Elevation: 4840 feet above sea level
Computation Method: Blaney Criddle (TR21)	Net irrigation application: 2 inches
Crop Curve: Blaney Criddle Annual Crop	Estimated carryover moisture used at season:
Begin Growth: 5/1 End Growth: 9/30	Begin: 0.5 inches End: 0.5 inches

Month	Total Monthly ET (3) inches	Dry Year 80% Chance (1)		Normal Year 50% Chance (1)		Average Daily ETc inches	Peak Daily ETPk inches
		Effective Precipitation inches	Net Irrigation Requirements inches (2)	Effective Precipitation inches	Net Irrigation Requirements inches (2)		
January	0.00	0.00	0.00	0.00	0.00	0.00	
February	0.00	0.00	0.00	0.00	0.00	0.00	
March	0.00	0.00	0.00	0.00	0.00	0.00	
April	0.00	0.00	0.00	0.00	0.00	0.00	
May	1.83	0.22	1.10	0.32	1.01	0.06	
June	5.17	0.24	4.93	0.34	4.83	0.17	0.19
July	7.10	0.71	6.39	1.01	6.10	0.23	0.25
August	6.11	0.91	5.20	1.29	4.82	0.20	0.22
September	2.96	0.56	1.90	0.79	1.67	0.10	
October	0.00	0.00	0.00	0.00	0.00	0.00	
November	0.00	0.00	0.00	0.00	0.00	0.00	
December	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	23.16	2.64	19.53	3.74	18.42		

(1) For 80 percent occurrence, growing season effective precipitation will be equaled or exceeded 8 out of 10 years. For 50 percent chance occurrence, effective precipitation will be equaled or exceeded 1 out of 2 years.

(2) Net irrigation requirements is adjusted for carryover moisture used at the beginning of the season and carryover moisture used at the end of the growing season.

(3) ET Evapotranspiration) is adjusted upwards 10% per 1000 meters above sea level.

Date: 7/27/2005

Irrigation Water Requirements

Monthly Crop Water Requirements

Job: **Los Lunas**

Crop: **Chile, green**

Location: **Los Lunas**

Date: **11/08/04**

Computation Method: **Blaney Criddle (TR21)**

Crop Curve: **Blaney Criddle Annual Crop**

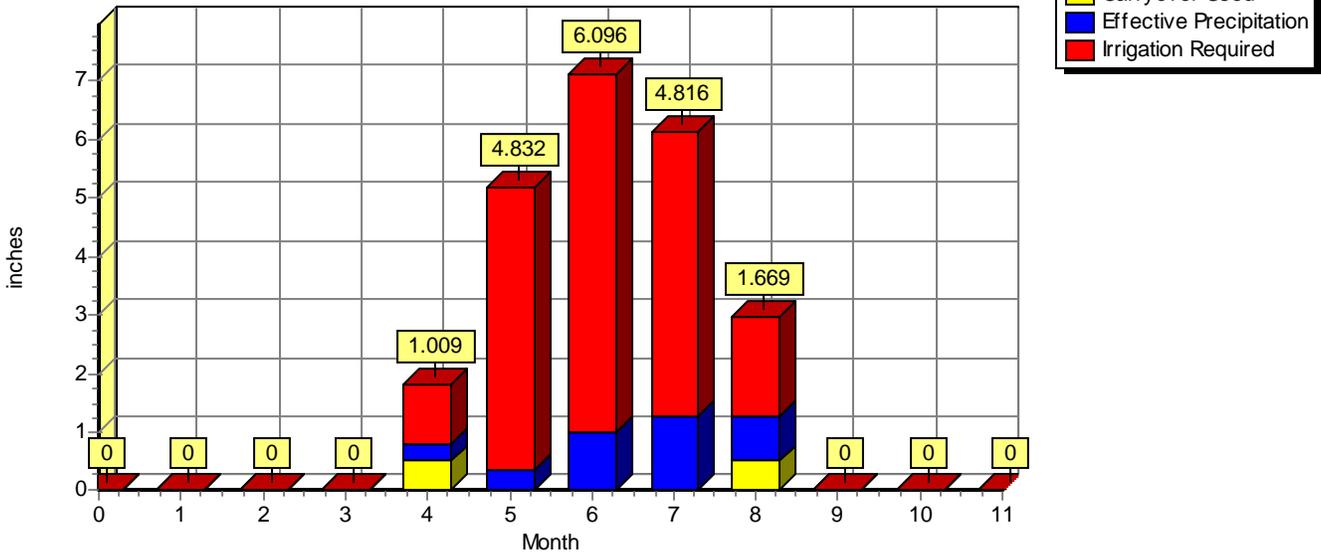
Begin Growth: **5/1** End Growth: **9/30**

Net irrigation application: **2** inches

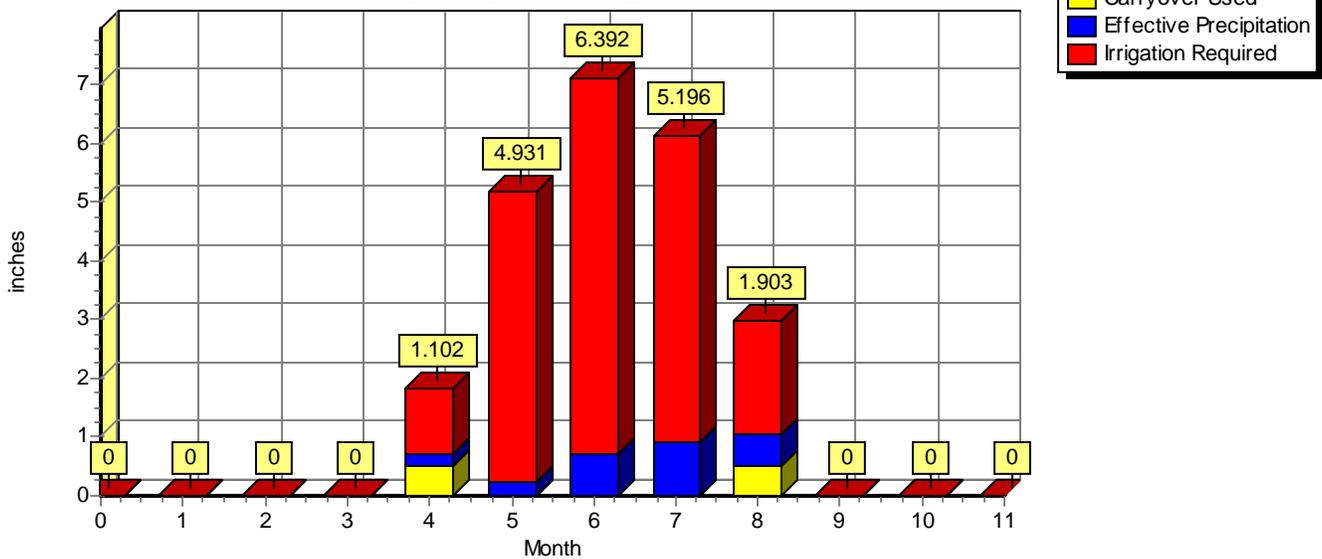
Estimated carryover moisture used at season:

Begin: **0.5** inches End: **0.5** inches

Irrigation Water Requirements
Normal Year (50% chance)



Irrigation Water Requirements
Dry Year (80% chance)



Irrigation Water Requirements

Crop Data Summary

Job: Los Lunas	Crop: Corn, grain
Location: Los Lunas	County: Valencia, NM
By: Rhett	Date: 11/08/04
Weather Station: LOS LUNAS 3 SSW	Sta No: NM5150
Latitude: 3446 Longitude: 10645	Elevation: 4840 feet above sea level
Computation Method: Blaney Criddle (TR21)	Net irrigation application: 2 inches
Crop Curve: Blaney Criddle Annual Crop	Estimated carryover moisture used at season:
Begin Growth: 4/1 End Growth: 10/15	Begin: 0.5 inches End: 0.5 inches

Month	Total Monthly ET (3) inches	Dry Year 80% Chance (1)		Normal Year 50% Chance (1)		Average Daily ETc inches	Peak Daily ETPk inches
		Effective Precipitation inches	Net Irrigation Requirements inches (2)	Effective Precipitation inches	Net Irrigation Requirements inches (2)		
January	0.00	0.00	0.00	0.00	0.00	0.00	
February	0.00	0.00	0.00	0.00	0.00	0.00	
March	0.00	0.00	0.00	0.00	0.00	0.00	
April	1.38	0.18	0.70	0.25	0.63	0.05	
May	3.42	0.25	3.17	0.36	3.06	0.11	0.12
June	6.67	0.26	6.41	0.37	6.30	0.22	0.24
July	9.26	0.80	8.46	1.13	8.13	0.30	0.33
August	8.21	1.02	7.19	1.45	6.76	0.26	0.29
September	5.32	0.65	4.66	0.93	4.39	0.17	0.19
October	1.40	0.22	0.68	0.31	0.59	0.09	
November	0.00	0.00	0.00	0.00	0.00	0.00	
December	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	35.66	3.39	31.27	4.80	29.85		

(1) For 80 percent occurrence, growing season effective precipitation will be equaled or exceeded 8 out of 10 years. For 50 percent chance occurrence, effective precipitation will be equaled or exceeded 1 out of 2 years.

(2) Net irrigation requirements is adjusted for carryover moisture used at the beginning of the season and carryover moisture used at the end of the growing season.

(3) ET Evapotranspiration) is adjusted upwards 10% per 1000 meters above sea level.

Date: 7/27/2005

Irrigation Water Requirements

Monthly Crop Water Requirements

Job: **Los Lunas**

Crop: **Corn, grain**

Location: **Los Lunas**

Date: **11/08/04**

Computation Method: **Blaney Criddle (TR21)**

Crop Curve: **Blaney Criddle Annual Crop**

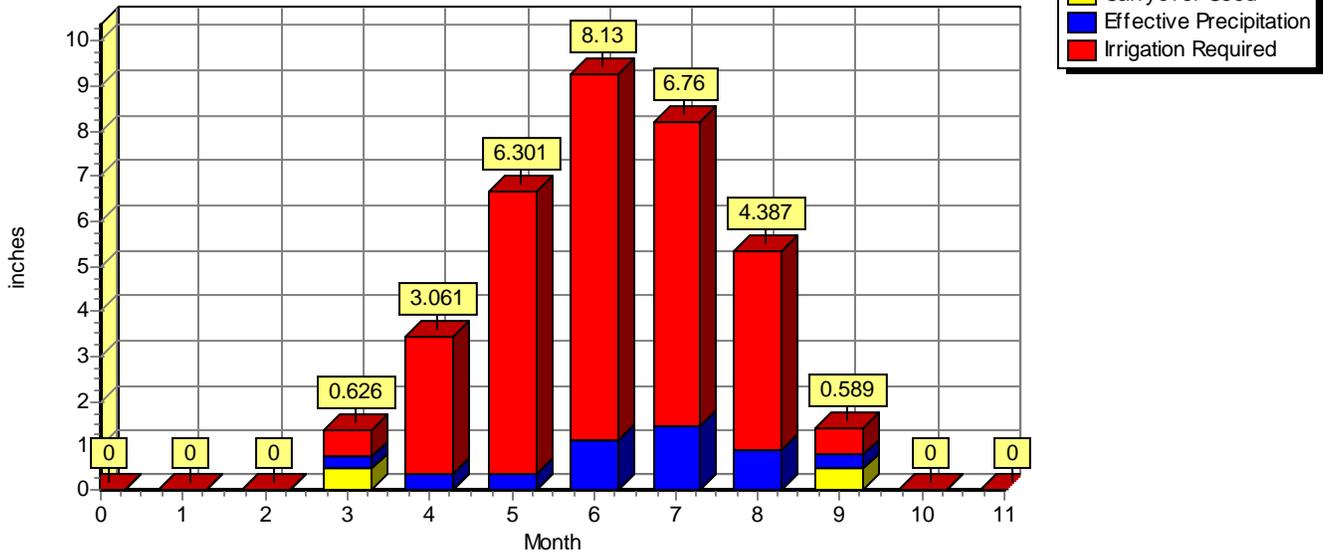
Begin Growth: **4/1** End Growth: **10/15**

Net irrigation application: **2** inches

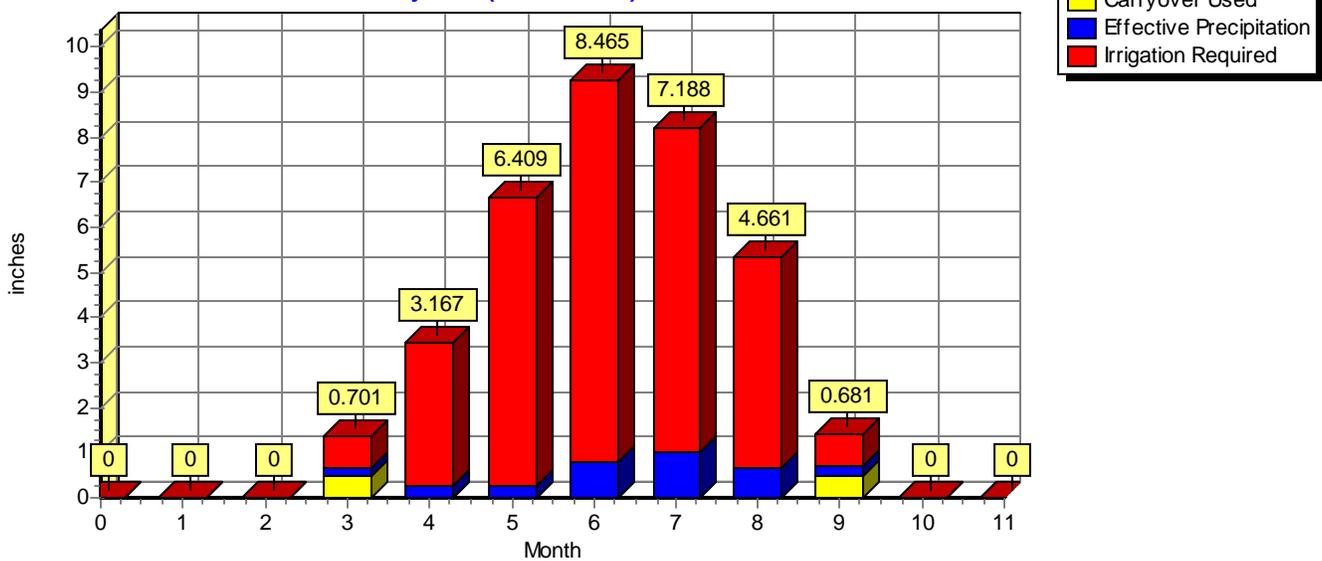
Estimated carryover moisture used at season:

Begin: **0.5** inches End: **0.5** inches

Irrigation Water Requirements
Normal Year (50% chance)



Irrigation Water Requirements
Dry Year (80% chance)



Irrigation Water Requirements

Crop Data Summary

Job: Los Lunas	Crop: Corn, silage
Location: Los Lunas	County: Valencia, NM
By: Rhett	Date: 11/08/04
Weather Station: LOS LUNAS 3 SSW	Sta No: NM5150
Latitude: 3446 Longitude: 10645	Elevation: 4840 feet above sea level
Computation Method: Blaney Criddle (TR21)	Net irrigation application: 1 inches
Crop Curve: Blaney Criddle Annual Crop	Estimated carryover moisture used at season:
Begin Growth: 4/15 End Growth: 9/15	Begin: 0.5 inches End: 0.5 inches

Month	Total Monthly ET (3) inches	Dry Year 80% Chance (1)		Normal Year 50% Chance (1)		Average Daily ETc inches	Peak Daily ETPk inches
		Effective Precipitation inches	Net Irrigation Requirements inches (2)	Effective Precipitation inches	Net Irrigation Requirements inches (2)		
January	0.00	0.00	0.00	0.00	0.00	0.00	
February	0.00	0.00	0.00	0.00	0.00	0.00	
March	0.00	0.00	0.00	0.00	0.00	0.00	
April	0.84	0.08	0.26	0.11	0.23	0.05	
May	3.04	0.21	2.83	0.29	2.74	0.10	0.11
June	6.13	0.21	5.92	0.30	5.83	0.20	0.23
July	9.17	0.67	8.51	0.95	8.23	0.30	0.34
August	8.23	0.86	7.37	1.22	7.01	0.27	0.30
September	2.65	0.27	1.88	0.38	1.77	0.18	
October	0.00	0.00	0.00	0.00	0.00	0.00	
November	0.00	0.00	0.00	0.00	0.00	0.00	
December	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	30.06	2.29	26.77	3.25	25.81		

(1) For 80 percent occurrence, growing season effective precipitation will be equaled or exceeded 8 out of 10 years. For 50 percent chance occurrence, effective precipitation will be equaled or exceeded 1 out of 2 years.

(2) Net irrigation requirements is adjusted for carryover moisture used at the beginning of the season and carryover moisture used at the end of the growing season.

(3) ET Evapotranspiration) is adjusted upwards 10% per 1000 meters above sea level.

Date: 7/27/2005

Irrigation Water Requirements

Monthly Crop Water Requirements

Job: **Los Lunas**

Crop: **Corn, silage**

Location: **Los Lunas**

Date: **11/08/04**

Computation Method: **Blaney Criddle (TR21)**

Crop Curve: **Blaney Criddle Annual Crop**

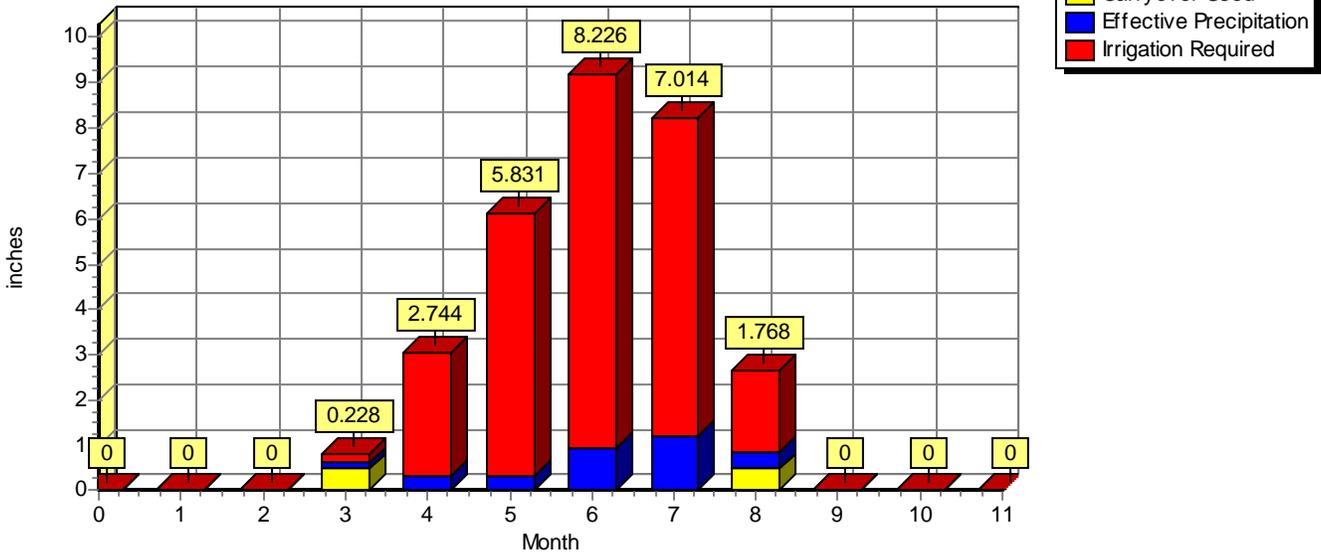
Begin Growth: **4/15** End Growth: **9/15**

Net irrigation application: **1** inches

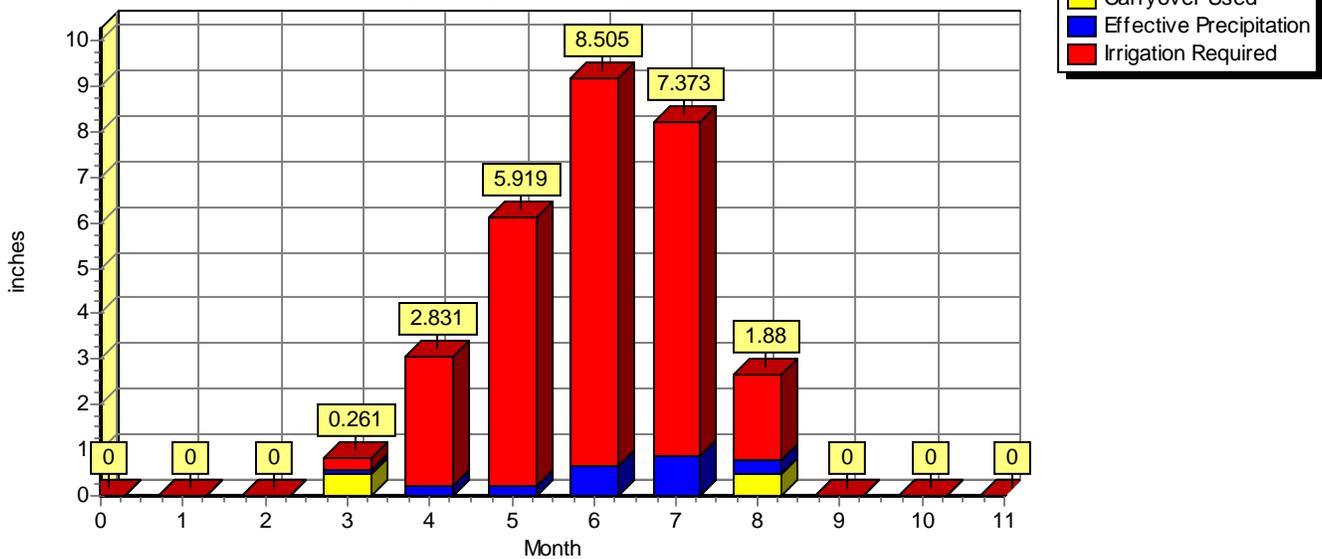
Estimated carryover moisture used at season:

Begin: **0.5** inches End: **0.5** inches

**Irrigation Water Requirements
Normal Year (50% chance)**



**Irrigation Water Requirements
Dry Year (80% chance)**



Irrigation Water Requirements

Crop Data Summary

Job: Los Lunas	Crop: Corn, sweet
Location: Los Lunas	County: Valencia, NM
By: Rhett	Date: 11/08/04
Weather Station: LOS LUNAS 3 SSW	Sta No: NM5150
Latitude: 3446 Longitude: 10645	Elevation: 4840 feet above sea level
Computation Method: Blaney Criddle (TR21)	Net irrigation application: 2 inches
Crop Curve: Blaney Criddle Annual Crop	Estimated carryover moisture used at season:
Begin Growth: 4/1 End Growth: 9/15	Begin: 0.5 inches End: 0.5 inches

Month	Total Monthly ET (3) inches	Dry Year 80% Chance (1)		Normal Year 50% Chance (1)		Average Daily ETc inches	Peak Daily ETPk inches
		Effective Precipitation inches	Net Irrigation Requirements inches (2)	Effective Precipitation inches	Net Irrigation Requirements inches (2)		
January	0.00	0.00	0.00	0.00	0.00	0.00	
February	0.00	0.00	0.00	0.00	0.00	0.00	
March	0.00	0.00	0.00	0.00	0.00	0.00	
April	1.43	0.18	0.76	0.25	0.68	0.05	
May	3.77	0.26	3.51	0.37	3.41	0.12	0.13
June	7.44	0.27	7.17	0.38	7.06	0.25	0.27
July	9.40	0.81	8.59	1.14	8.25	0.30	0.33
August	8.22	1.02	7.19	1.45	6.76	0.27	0.29
September	2.71	0.32	1.89	0.46	1.76	0.18	
October	0.00	0.00	0.00	0.00	0.00	0.00	
November	0.00	0.00	0.00	0.00	0.00	0.00	
December	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	32.97	2.86	29.11	4.05	27.92		

(1) For 80 percent occurrence, growing season effective precipitation will be equaled or exceeded 8 out of 10 years. For 50 percent chance occurrence, effective precipitation will be equaled or exceeded 1 out of 2 years.

(2) Net irrigation requirements is adjusted for carryover moisture used at the beginning of the season and carryover moisture used at the end of the growing season.

(3) ET Evapotranspiration) is adjusted upwards 10% per 1000 meters above sea level.

Date: 7/27/2005

Irrigation Water Requirements

Monthly Crop Water Requirements

Job: **Los Lunas**

Crop: **Corn, sweet**

Location: **Los Lunas**

Date: **11/08/04**

Computation Method: **Blaney Criddle (TR21)**

Crop Curve: **Blaney Criddle Annual Crop**

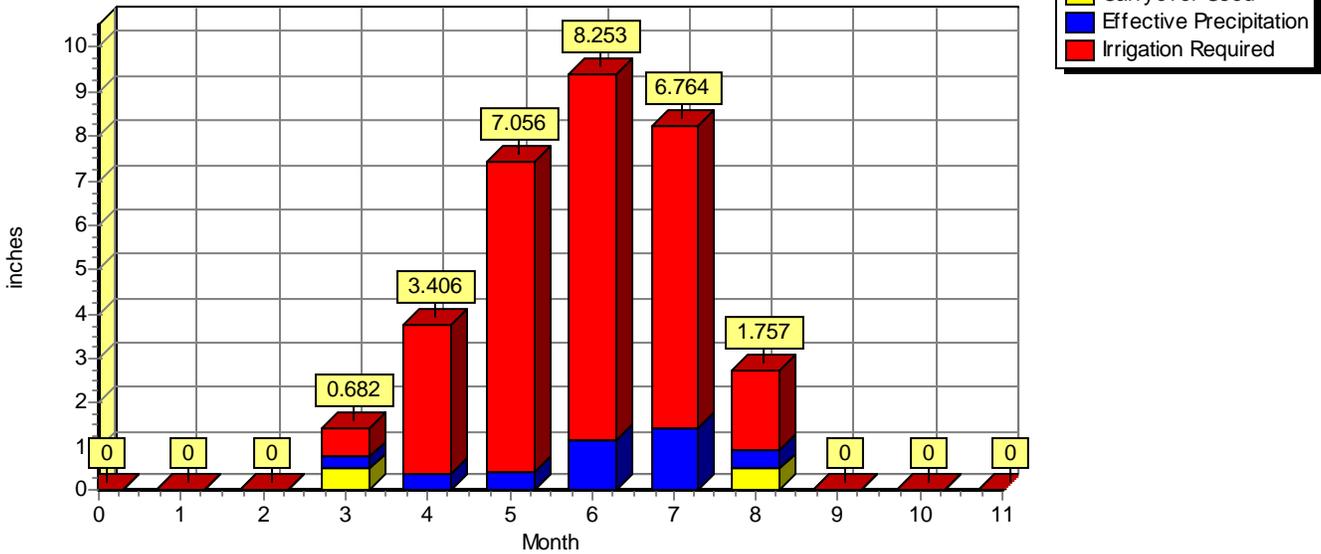
Begin Growth: **4/1** End Growth: **9/15**

Net irrigation application: **2** inches

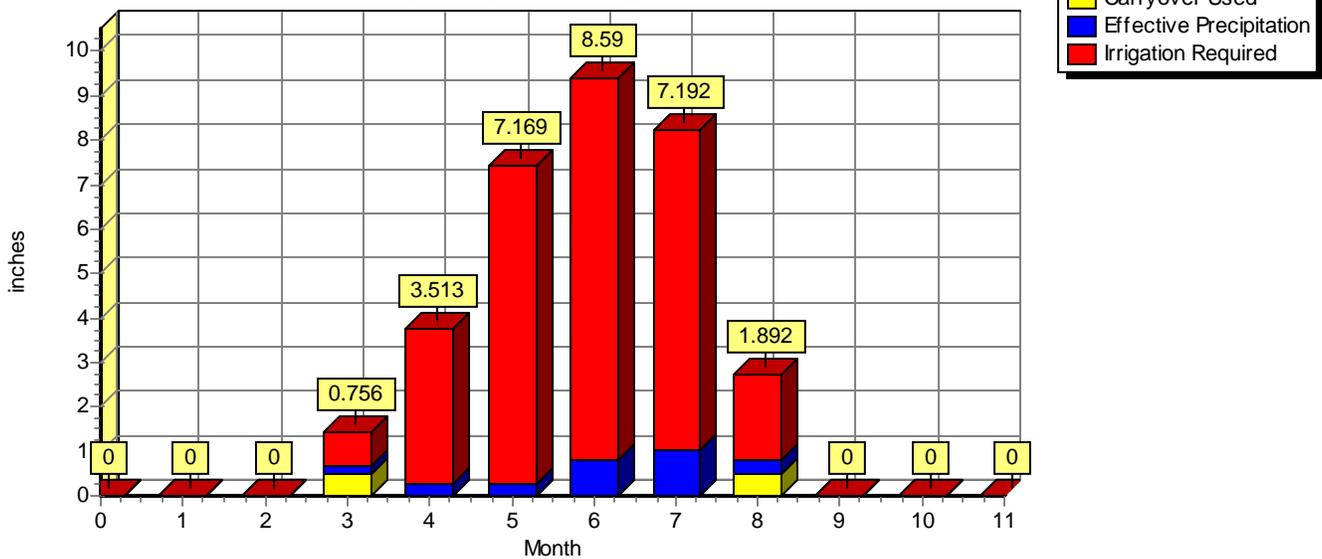
Estimated carryover moisture used at season:

Begin: **0.5** inches End: **0.5** inches

**Irrigation Water Requirements
Normal Year (50% chance)**



**Irrigation Water Requirements
Dry Year (80% chance)**



Irrigation Water Requirements

Crop Data Summary

Job: Los Lunas	Crop: Grain, spring
Location: Los Lunas	County: Valencia, NM
By: Rhett	Date: 11/08/04
Weather Station: LOS LUNAS 3 SSW	Sta No: NM5150
Latitude: 3446 Longitude: 10645	Elevation: 4840 feet above sea level
Computation Method: Blaney Criddle (TR21)	Net irrigation application: 2 inches
Crop Curve: Blaney Criddle Annual Crop	Estimated carryover moisture used at season:
Begin Growth: 5/1 End Growth: 7/15	Begin: 0.5 inches End: 0.5 inches

Month	Total Monthly ET (3) inches	Dry Year 80% Chance (1)		Normal Year 50% Chance (1)		Average Daily ETc inches	Peak Daily ETPk inches
		Effective Precipitation inches	Net Irrigation Requirements inches (2)	Effective Precipitation inches	Net Irrigation Requirements inches (2)		
January	0.00	0.00	0.00	0.00	0.00	0.00	
February	0.00	0.00	0.00	0.00	0.00	0.00	
March	0.00	0.00	0.00	0.00	0.00	0.00	
April	0.00	0.00	0.00	0.00	0.00	0.00	
May	3.22	0.24	2.48	0.34	2.38	0.10	
June	8.40	0.28	8.11	0.40	7.99	0.28	0.31
July	1.17	0.26	0.40	0.37	0.29	0.08	
August	0.00	0.00	0.00	0.00	0.00	0.00	
September	0.00	0.00	0.00	0.00	0.00	0.00	
October	0.00	0.00	0.00	0.00	0.00	0.00	
November	0.00	0.00	0.00	0.00	0.00	0.00	
December	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	12.78	0.79	10.99	1.12	10.66		

(1) For 80 percent occurrence, growing season effective precipitation will be equaled or exceeded 8 out of 10 years. For 50 percent chance occurrence, effective precipitation will be equaled or exceeded 1 out of 2 years.

(2) Net irrigation requirements is adjusted for carryover moisture used at the beginning of the season and carryover moisture used at the end of the growing season.

(3) ET Evapotranspiration) is adjusted upwards 10% per 1000 meters above sea level.

Date: 7/27/2005

Irrigation Water Requirements

Monthly Crop Water Requirements

Job: **Los Lunas**

Crop: **Grain, spring**

Location: **Los Lunas**

Date: **11/08/04**

Computation Method: **Blaney Criddle (TR21)**

Crop Curve: **Blaney Criddle Annual Crop**

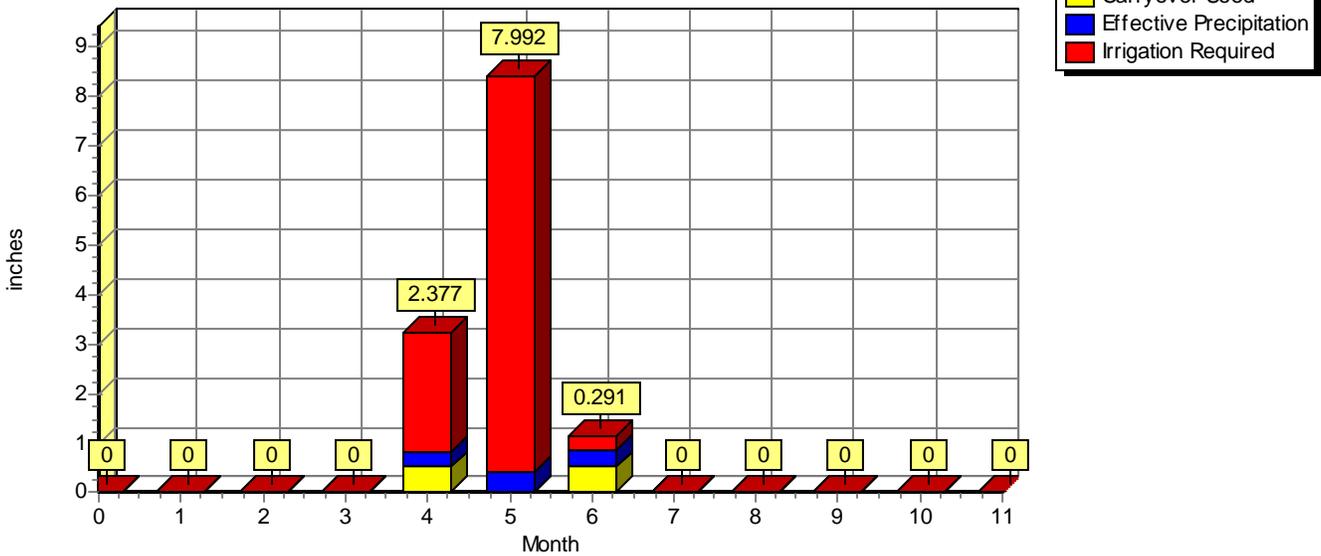
Begin Growth: **5/1** End Growth: **7/15**

Net irrigation application: **2** inches

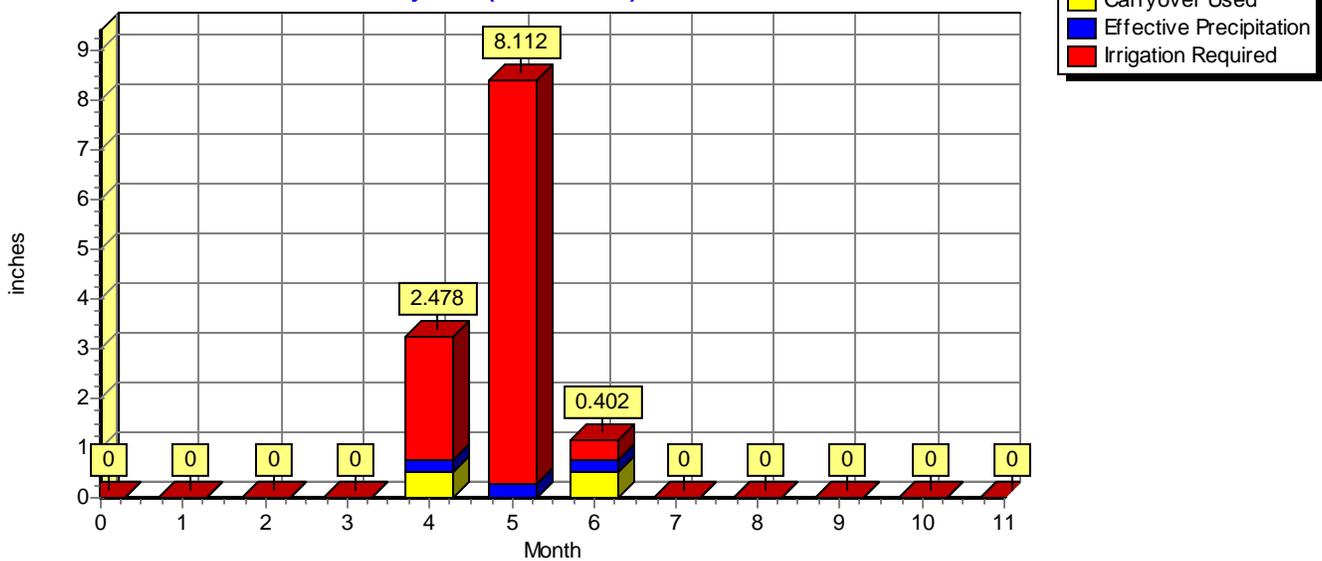
Estimated carryover moisture used at season:

Begin: **0.5** inches End **0.5** inches

Irrigation Water Requirements
Normal Year (50% chance)



Irrigation Water Requirements
Dry Year (80% chance)



Irrigation Water Requirements

Crop Data Summary

Job: Los Lunas	Crop: Pasture, cool season grass
Location: Los Lunas	County: Valencia, NM
By: Rhett	Date: 11/08/04
Weather Station: LOS LUNAS 3 SSW	Sta No: NM5150
Latitude: 3446 Longitude: 10645	Elevation: 4840 feet above sea level
Computation Method: Blaney Criddle (TR21)	Net irrigation application: 1 inches
Crop Curve: Blaney Criddle Perennial Crop	Estimated carryover moisture used at season:
Begin Growth: 4/2 End Growth: 10/30	Begin: 0.5 inches End: 0.5 inches

Month	Total Monthly ET (3) inches	Dry Year 80% Chance (1)		Normal Year 50% Chance (1)		Average Daily ETc inches	Peak Daily ETPk inches
		Effective Precipitation inches	Net Irrigation Requirements inches (2)	Effective Precipitation inches	Net Irrigation Requirements inches (2)		
January	0.00	0.00	0.00	0.00	0.00	0.00	
February	0.00	0.00	0.00	0.00	0.00	0.00	
March	0.00	0.00	0.00	0.00	0.00	0.00	
April	2.40	0.15	1.75	0.22	1.68	0.08	
May	4.91	0.23	4.68	0.33	4.58	0.16	0.18
June	6.90	0.22	6.68	0.31	6.59	0.23	0.26
July	8.03	0.63	7.41	0.89	7.15	0.26	0.30
August	7.08	0.81	6.27	1.14	5.94	0.23	0.26
September	4.79	0.53	4.26	0.76	4.04	0.15	0.18
October	2.53	0.36	1.67	0.51	1.52	0.08	
November	0.00	0.00	0.00	0.00	0.00	0.00	
December	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	36.65	2.93	32.72	4.16	31.49		

(1) For 80 percent occurrence, growing season effective precipitation will be equaled or exceeded 8 out of 10 years. For 50 percent chance occurrence, effective precipitation will be equaled or exceeded 1 out of 2 years.

(2) Net irrigation requirements is adjusted for carryover moisture used at the beginning of the season and carryover moisture used at the end of the growing season.

(3) ET (Evapotranspiration) is adjusted upwards 10% per 1000 meters above sea level.

Date: 7/27/2005

Irrigation Water Requirements

Monthly Crop Water Requirements

Job: **Los Lunas**

Crop: **Pasture, cool season grass**

Location: **Los Lunas**

Date: **8/2/05**

Computation Method: **Blaney Criddle (TR21)**

Crop Curve: **Blaney Criddle Perennial Crop**

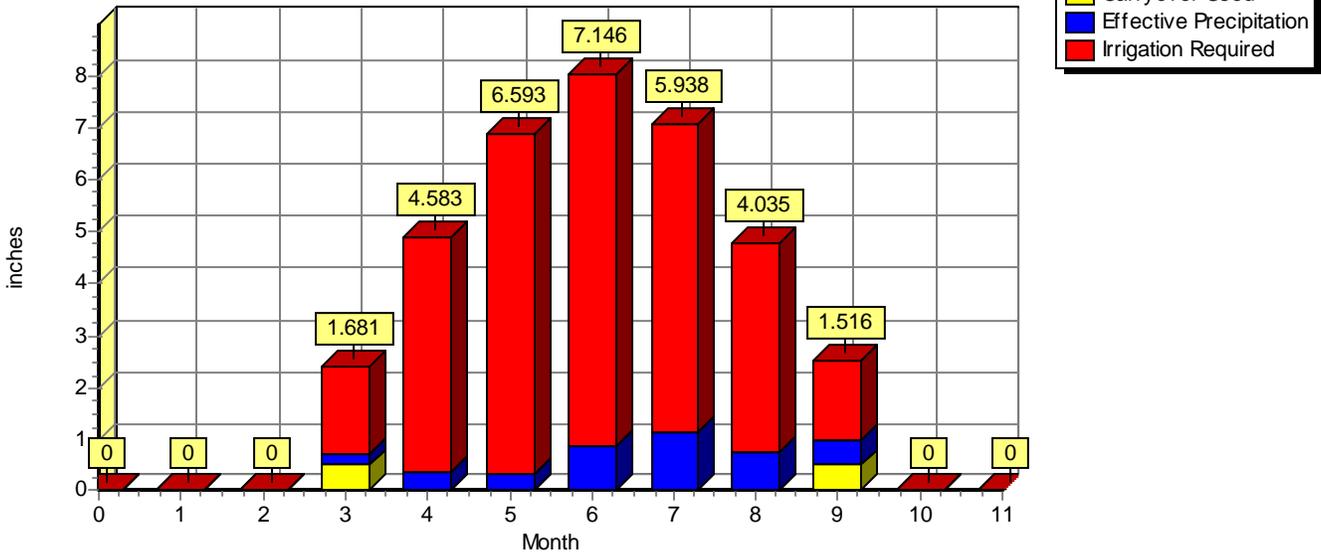
Begin Growth: **4/2** End Growth: **10/30**

Net irrigation application: **1** inches

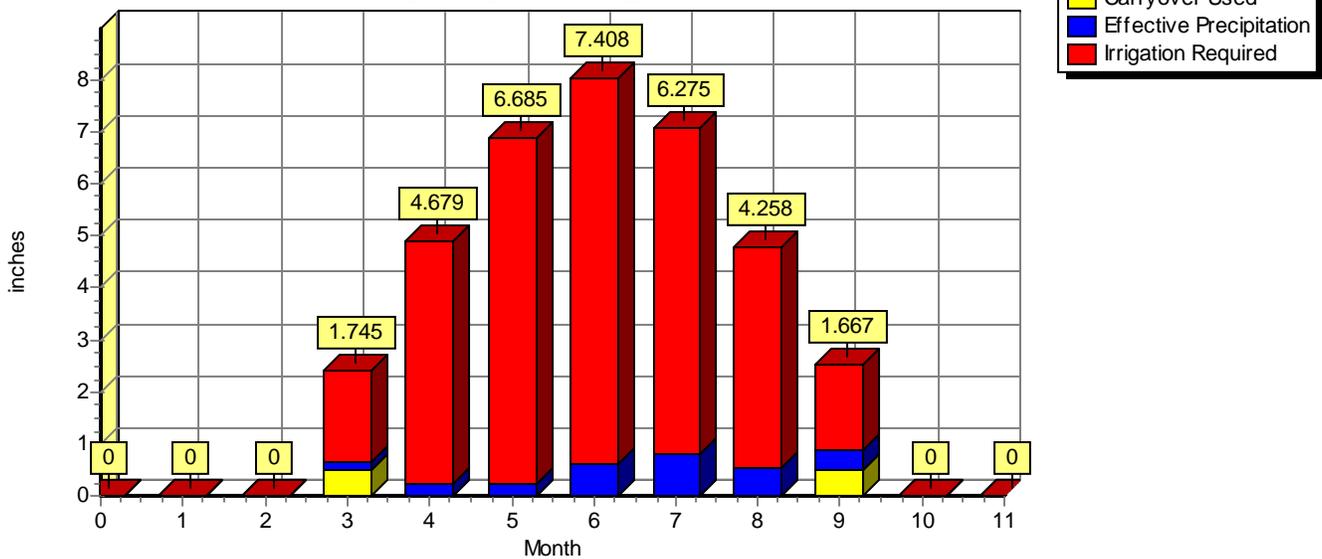
Estimated carryover moisture used at season:

Begin: **0.5** inches End: **0.5** inches

**Irrigation Water Requirements
Normal Year (50% chance)**



**Irrigation Water Requirements
Dry Year (80% chance)**



Irrigation Water Requirements

Crop Data Summary

Job: Los Lunas	Crop: Sudangrass, hay or silage
Location: Los Lunas	County: Valencia, NM
By: Rhett	Date: 11/08/04
Weather Station: LOS LUNAS 3 SSW	Sta No: NM5150
Latitude: 3446 Longitude: 10645	Elevation: 4840 feet above sea level
Computation Method: Blaney Criddle (TR21)	Net irrigation application: 2 inches
Crop Curve: Blaney Criddle Annual Crop	Estimated carryover moisture used at season:
Begin Growth: 5/1 End Growth: 10/10	Begin: 0.5 inches End: 0.5 inches

Month	Total Monthly ET (3) inches	Dry Year 80% Chance (1)		Normal Year 50% Chance (1)		Average Daily ETc inches	Peak Daily ETPk inches
		Effective Precipitation inches	Net Irrigation Requirements inches (2)	Effective Precipitation inches	Net Irrigation Requirements inches (2)		
January	0.00	0.00	0.00	0.00	0.00	0.00	
February	0.00	0.00	0.00	0.00	0.00	0.00	
March	0.00	0.00	0.00	0.00	0.00	0.00	
April	0.00	0.00	0.00	0.00	0.00	0.00	
May	1.77	0.22	1.04	0.32	0.95	0.06	
June	5.70	0.24	5.46	0.35	5.36	0.19	0.21
July	9.15	0.79	8.35	1.13	8.02	0.30	0.32
August	7.48	0.98	6.50	1.39	6.08	0.24	0.26
September	3.97	0.61	3.37	0.86	3.11	0.13	0.14
October	0.79	0.14	0.15	0.20	0.09	0.08	
November	0.00	0.00	0.00	0.00	0.00	0.00	
December	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	28.86	3.00	24.87	4.25	23.61		

(1) For 80 percent occurrence, growing season effective precipitation will be equaled or exceeded 8 out of 10 years. For 50 percent chance occurrence, effective precipitation will be equaled or exceeded 1 out of 2 years.

(2) Net irrigation requirements is adjusted for carryover moisture used at the beginning of the season and carryover moisture used at the end of the growing season.

(3) ET (Evapotranspiration) is adjusted upwards 10% per 1000 meters above sea level.

Date: 7/27/2005

Irrigation Water Requirements

Monthly Crop Water Requirements

Job: **Los Lunas**

Crop: **Sudangrass, hay or silage**

Location: **Los Lunas**

Date: **11/08/04**

Computation Method: **Blaney Criddle (TR21)**

Crop Curve: **Blaney Criddle Annual Crop**

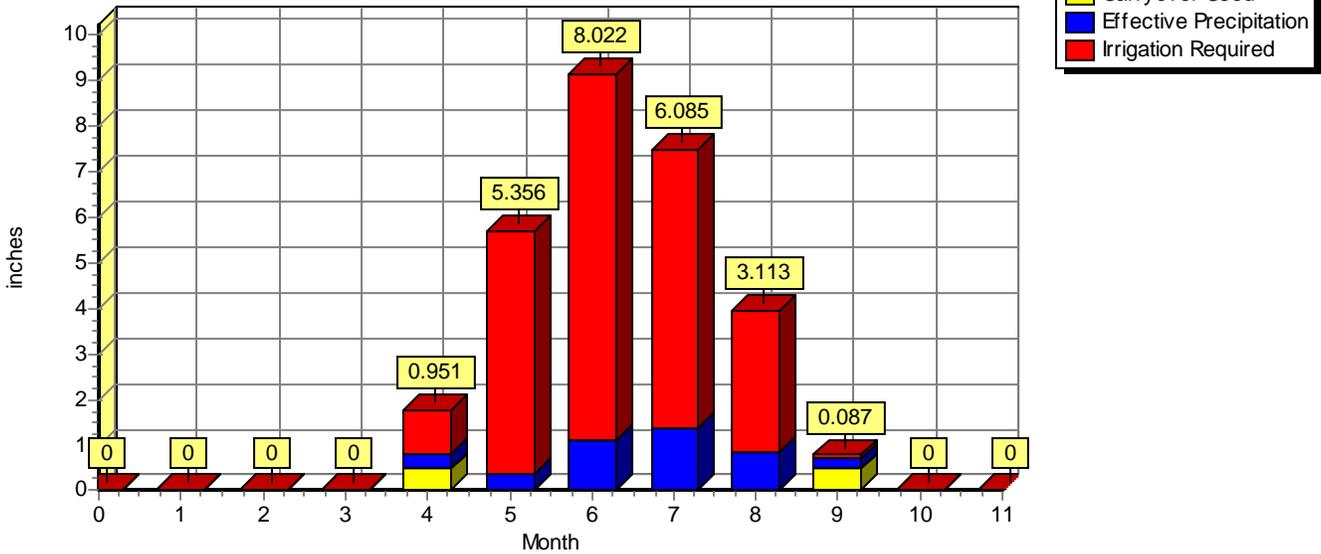
Begin Growth: **5/1** End Growth: **10/10**

Net irrigation application: **2** inches

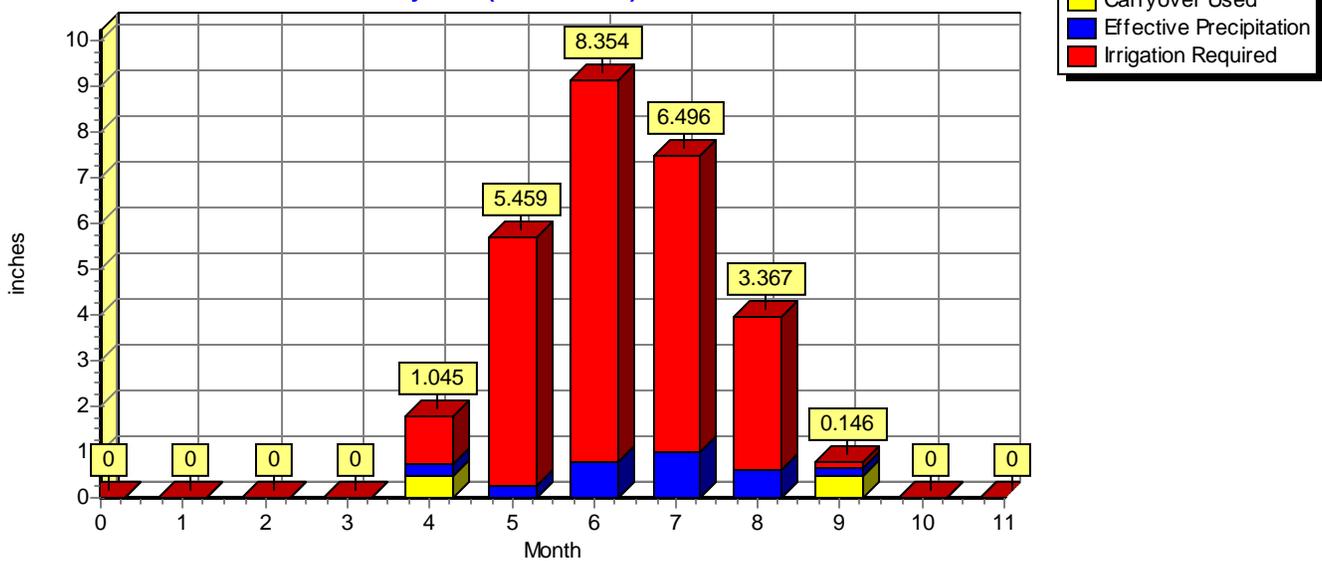
Estimated carryover moisture used at season:

Begin: **0.5** inches End: **0.5** inches

**Irrigation Water Requirements
Normal Year (50% chance)**



**Irrigation Water Requirements
Dry Year (80% chance)**



Irrigation Water Requirements

Crop Data Summary

Job: Los Lunas	Crop: Wheat, winter, grain
Location: Los Lunas	County: Valencia, NM
By: Rhett	Date: 11/08/04
Weather Station: LOS LUNAS 3 SSW	Sta No: NM5150
Latitude: 3446 Longitude: 10645	Elevation: 4840 feet above sea level
Computation Method: Blaney Criddle (TR21)	Net irrigation application: 2 inches
Crop Curve: Blaney Criddle Annual Crop	Estimated carryover moisture used at season:
Begin Growth: 9/15 End Growth: 6/8	Begin: 0.5 inches End: 0.5 inches

Month	Total Monthly ET (3) inches	Dry Year 80% Chance (1)		Normal Year 50% Chance (1)		Average Daily ETc inches	Peak Daily ETPk inches
		Effective Precipitation inches	Net Irrigation Requirements inches (2)	Effective Precipitation inches	Net Irrigation Requirements inches (2)		
January	0.62	0.15	0.47	0.21	0.41	0.02	0.02
February	1.19	0.15	1.05	0.21	0.98	0.04	0.05
March	2.49	0.23	2.26	0.32	2.17	0.08	0.09
April	4.09	0.21	3.87	0.30	3.78	0.14	0.15
May	7.03	0.31	6.72	0.44	6.59	0.23	0.25
June	2.43	0.08	1.85	0.11	1.81	0.30	
July	0.00	0.00	0.00	0.00	0.00	0.00	
August	0.00	0.00	0.00	0.00	0.00	0.00	
September	0.89	0.27	0.11	0.39	0.00	0.05	
October	1.19	0.41	0.78	0.58	0.60	0.04	0.04
November	0.74	0.21	0.53	0.30	0.44	0.02	0.03
December	0.54	0.19	0.35	0.27	0.27	0.02	0.02
TOTAL	21.21	2.22	17.99	3.14	17.06		

(1) For 80 percent occurrence, growing season effective precipitation will be equaled or exceeded 8 out of 10 years. For 50 percent chance occurrence, effective precipitation will be equaled or exceeded 1 out of 2 years.

(2) Net irrigation requirements is adjusted for carryover moisture used at the beginning of the season and carryover moisture used at the end of the growing season.

(3) ET Evapotranspiration) is adjusted upwards 10% per 1000 meters above sea level.

Date: 7/27/2005

Irrigation Water Requirements

Monthly Crop Water Requirements

Job: **Los Lunas**

Crop: **Wheat, winter, grain**

Location: **Los Lunas**

Date: **11/08/04**

Computation Method: **Blaney Criddle (TR21)**

Crop Curve: **Blaney Criddle Annual Crop**

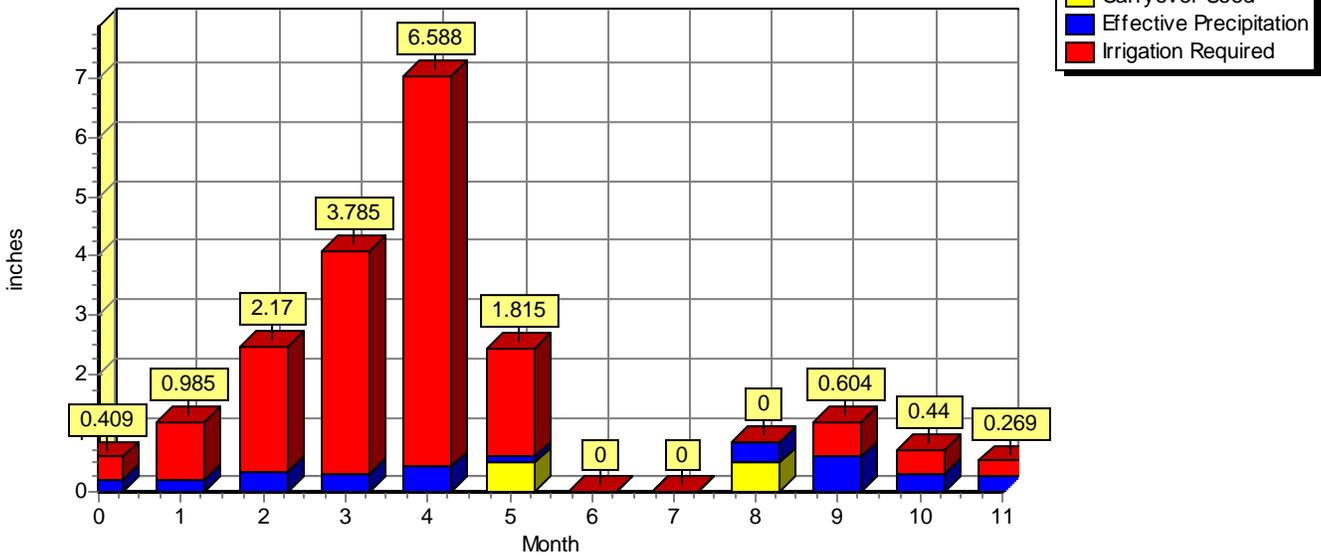
Begin Growth: **9/15** End Growth: **6/8**

Net irrigation application: **2** inches

Estimated carryover moisture used at season:

Begin: **0.5** inches End: **0.5** inches

**Irrigation Water Requirements
Normal Year (50% chance)**



**Irrigation Water Requirements
Dry Year (80% chance)**

