# Irrigation Water Requirements
## Crop Data Summary

Job: **Santa Fe**
Location: **Santa Fe**
By: **MAS**
Weather Station: **SANTA FE 2**
Latitude: **3537** Longitude: **10559**
Computation Method: **Blaney Criddle (TR21)**
Crop Curve: **Blaney Criddle Perennial Crop**
Begin Growth: **4/1** End Growth: **10/14**

Crop: **Alfalfa, hay, northern**
County: **Santa Fe, NM**
Date: **7/28/05**
Sta No: **NM8085**
Elevation: **6720** feet above sea level

Net irrigation application: **1** inches
Estimated carryover moisture used at season:
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 Reqirements inches (2) | Effective Precipitation inches | Net Irrigation Reqirements 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 | 2.12 | 0.26 | 1.36 | 0.34 | 1.28 | 0.07 | |
| May | 4.97 | 0.55 | 4.42 | 0.72 | 4.24 | 0.16 | 0.18 |
| June | 7.49 | 0.63 | 6.86 | 0.83 | 6.66 | 0.25 | 0.28 |
| July | 8.54 | 1.09 | 7.46 | 1.43 | 7.11 | 0.28 | 0.31 |
| August | 7.23 | 1.01 | 6.22 | 1.33 | 5.89 | 0.23 | 0.27 |
| September | 4.74 | 0.68 | 4.06 | 0.90 | 3.84 | 0.15 | 0.17 |
| October | 1.47 | 0.23 | 0.75 | 0.30 | 0.67 | 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** | **36.57** | **4.44** | **31.13** | **5.87** | **29.70** | | |

(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 moiature used at the end of the growing season.

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

Date: 7/28/2005

# Irrigation Water Requirements

## Monthly Crop Water Requirements

Job: **Santa Fe**

Location: **Santa Fe**

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

Begin Growth: **4/1** End Growth: **10/14**

Crop: **Alfalfa, hay, northern**

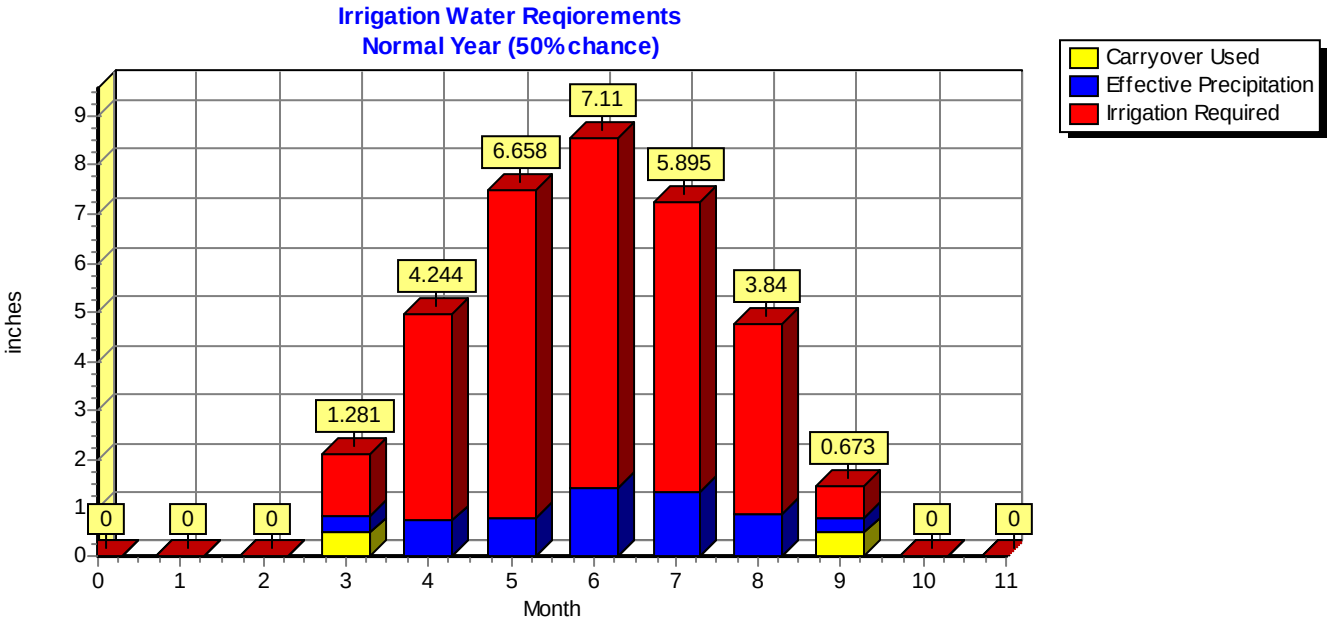
Date: **7/28/05**

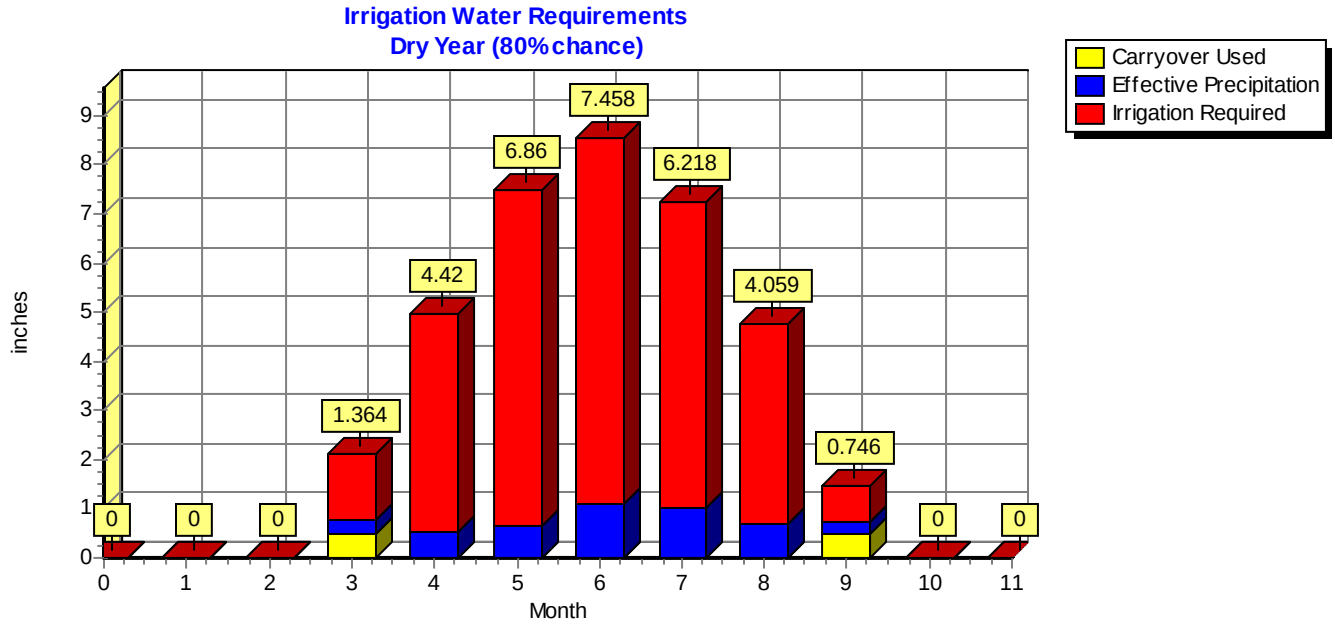
Crop Curve: **Blaney Criddle Perennial Crop**

Net irrigation application: **1** inches

Estimated carryover moisture used at season:

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



# Irrigation Water Requirements
## Crop Data Summary

Job: **Santa Fe**
Location: **Santa Fe**
By: **MAS**
Weather Station: **SANTA FE 2**
Latitude: **3537** Longitude: **10559**
Computation Method: **Blaney Criddle (TR21)**
Crop Curve: **Blaney Criddle Perennial Crop**
Begin Growth: **4/15** End Growth: **10/15**

Crop: **Apples, mature w cover**
County: **Santa Fe, NM**
Date: **7/28/05**
Sta No: **NM8085**
Elevation: **6720** feet above sea level

Net irrigation application: **1** inches
Estimated carryover moisture used at season:
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 Reqirements inches (2) | Effective Precipitation inches | Net Irrigation Reqirements 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 | 1.47 | 0.14 | 0.83 | 0.18 | 0.79 | 0.09 | |
| May | 4.99 | 0.55 | 4.44 | 0.72 | 4.27 | 0.16 | 0.18 |
| June | 7.49 | 0.63 | 6.86 | 0.83 | 6.66 | 0.25 | 0.28 |
| July | 8.54 | 1.09 | 7.46 | 1.43 | 7.11 | 0.28 | 0.31 |
| August | 7.23 | 1.01 | 6.22 | 1.33 | 5.89 | 0.23 | 0.27 |
| September | 4.74 | 0.68 | 4.06 | 0.90 | 3.84 | 0.15 | 0.17 |
| October | 1.28 | 0.23 | 0.55 | 0.31 | 0.47 | 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** | **35.74** | **4.33** | **30.41** | **5.72** | **29.03** | | |

(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 moiature used at the end of the growing season.

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

Date: 7/28/2005

# Irrigation Water Requirements

## Monthly Crop Water Requirements

Job: **Santa Fe**

Location: **Santa Fe**

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

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

Crop: **Apples, mature w cover**

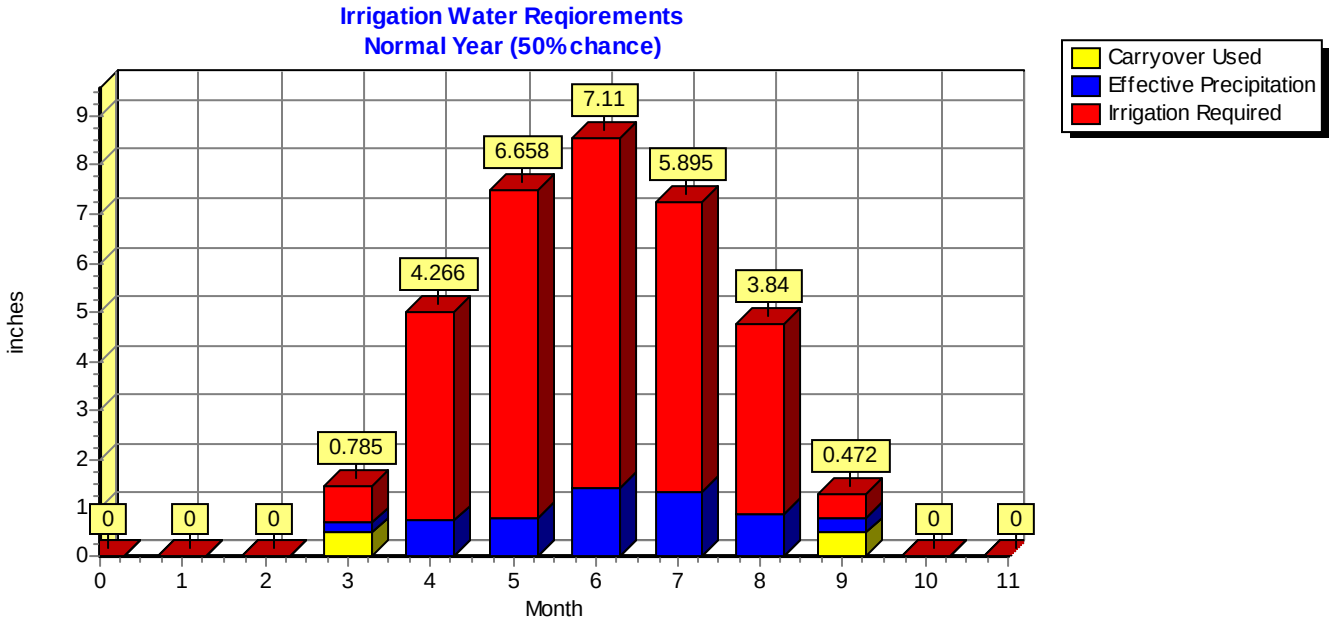
Date: **7/28/05**

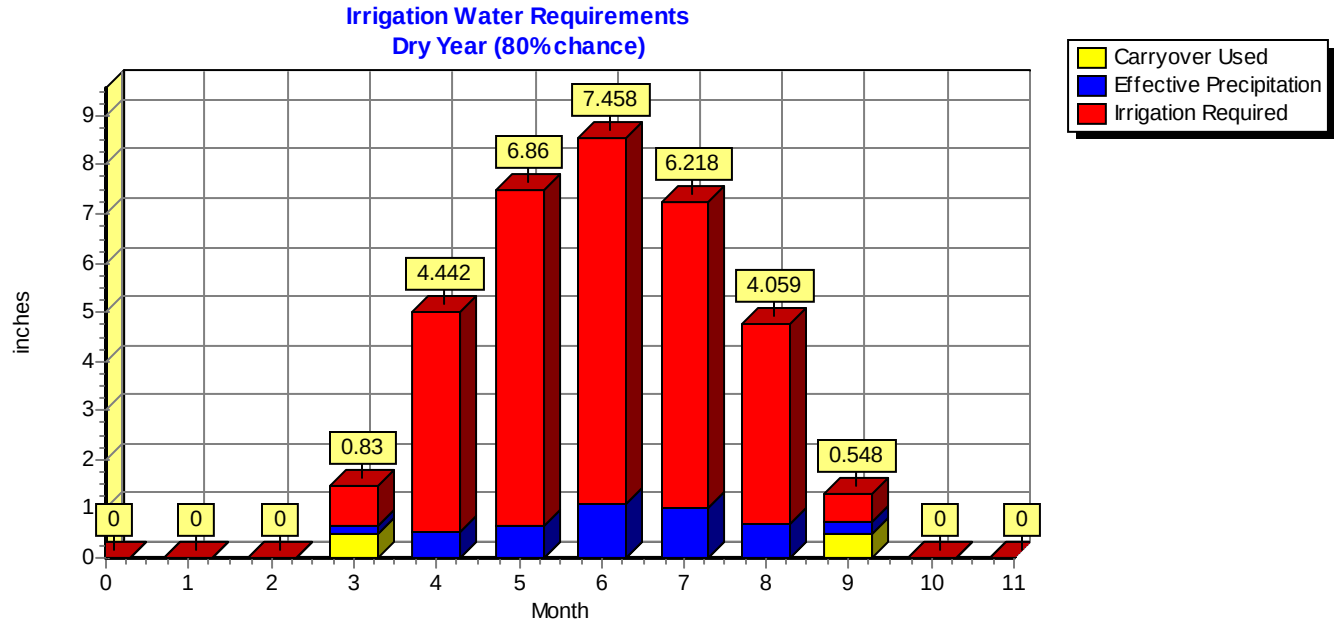
Crop Curve: **Blaney Criddle Perennial Crop**

Net irrigation application: **1** inches

Estimated carryover moisture used at season:

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



# Irrigation Water Requirements
## Crop Data Summary

Job: **Santa Fe**
Location: **Santa Fe**
By: **MAS**
Weather Station: **SANTA FE 2**
Latitude: **3537** Longitude: **10559**
Computation Method: **Blaney Criddle (TR21)**
Crop Curve: **Blaney Criddle Perennial Crop**
Begin Growth: **4/1** End Growth: **10/30**

Crop: **Raspberries-Blackberries**
County: **Santa Fe, NM**
Date: **7/28/05**
Sta No: **NM8085**
Elevation: **6720** feet above sea level

Net irrigation application: **1** inches
Estimated carryover moisture used at season:
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 Reqirements inches (2) | Effective Precipitation inches | Net Irrigation Reqirements 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 | 1.10 | 0.24 | 0.36 | 0.32 | 0.28 | 0.04 | |
| May | 3.26 | 0.50 | 2.76 | 0.66 | 2.60 | 0.11 | 0.12 |
| June | 5.31 | 0.56 | 4.75 | 0.74 | 4.57 | 0.18 | 0.20 |
| July | 6.17 | 0.95 | 5.22 | 1.26 | 4.92 | 0.20 | 0.23 |
| August | 5.16 | 0.90 | 4.26 | 1.19 | 3.97 | 0.17 | 0.19 |
| September | 3.00 | 0.62 | 2.38 | 0.82 | 2.19 | 0.10 | 0.11 |
| October | 1.38 | 0.44 | 0.45 | 0.58 | 0.31 | 0.05 | |
| 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** | **25.40** | **4.21** | **20.19** | **5.56** | **18.84** | | |

(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 moiature used at the end of the growing season.

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

Date: 7/28/2005

# Irrigation Water Requirements

## Monthly Crop Water Requirements

Job: **Santa Fe**

Location: **Santa Fe**

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

Begin Growth: **4/1** End Growth: **10/30**

Crop: **Raspberries-Blackberries**

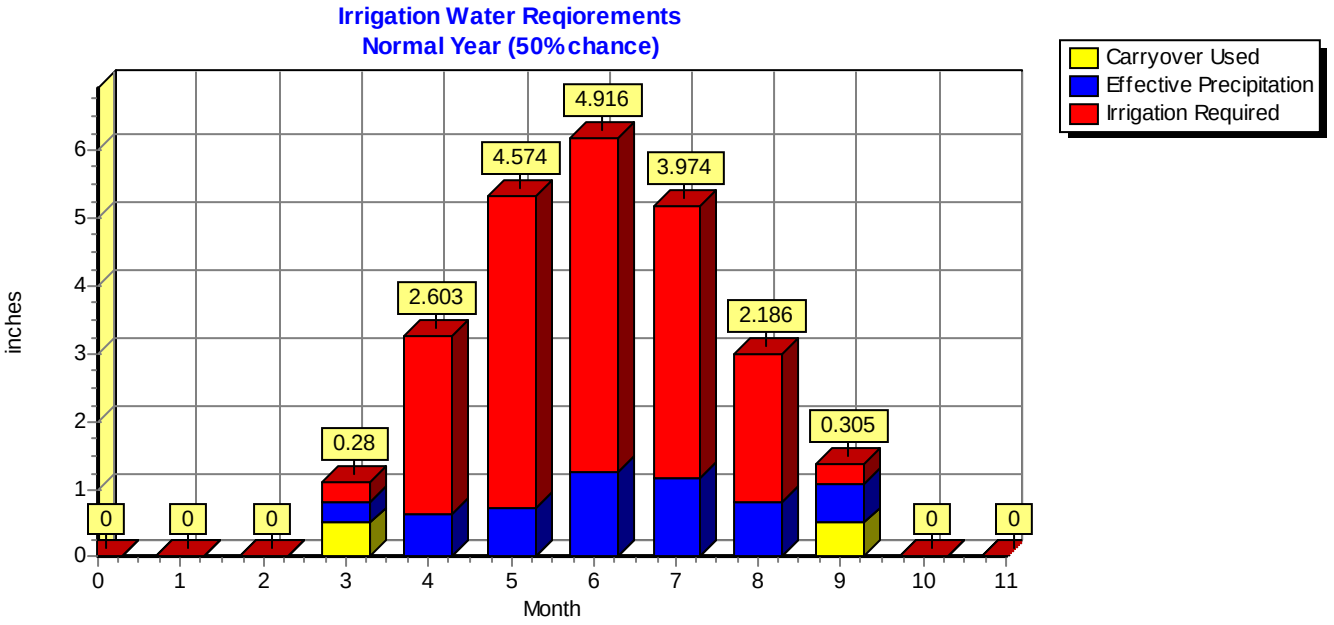
Date: **7/28/05**

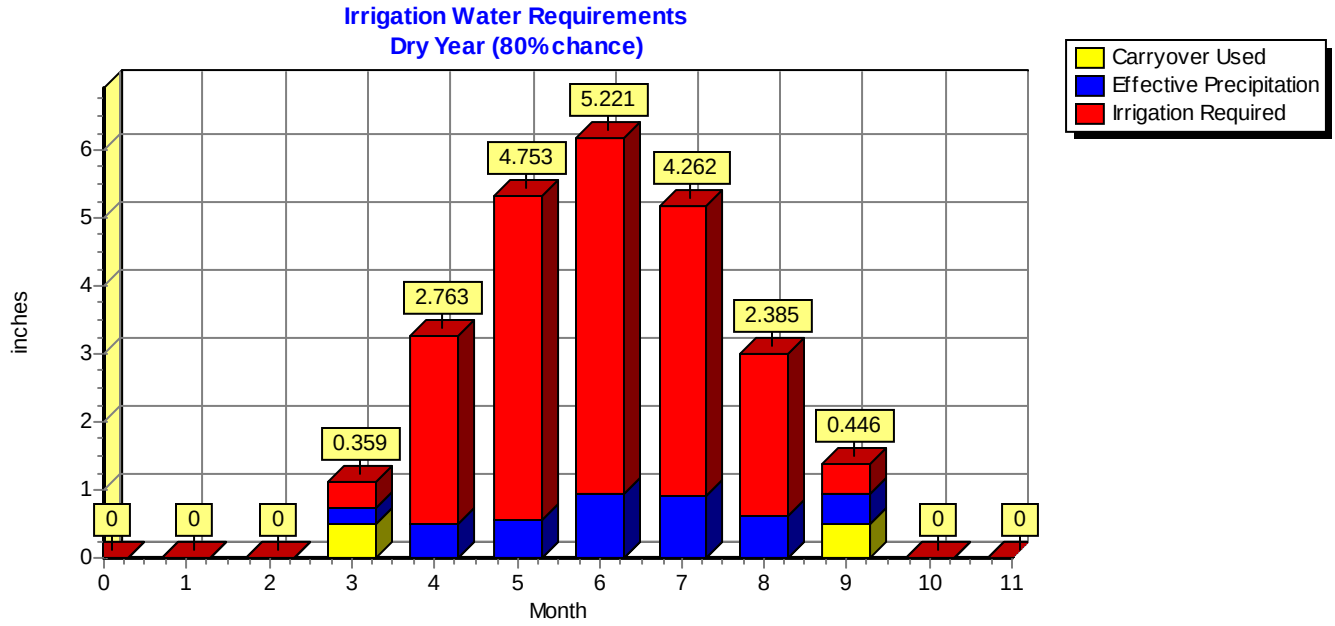
Crop Curve: **Blaney Criddle Perennial Crop**

Net irrigation application: **1** inches

Estimated carryover moisture used at season:

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



# Irrigation Water Requirements
## Crop Data Summary

Job: **Santa Fe**
Location: **Santa Fe**
By: **MAS**
Weather Station: **SANTA FE 2**
Latitude: **3537** Longitude: **10559**
Computation Method: **Blaney Criddle (TR21)**
Crop Curve: **Blaney Criddle Annual Crop**
Begin Growth: **5/1** End Growth: **8/15**

Crop: **Corn, sweet**
County: **Santa Fe, NM**
Date: **7/28/05**
Sta No: **NM8085**
Elevation: **6720** feet above sea level

Net irrigation application: **1** inches
Estimated carryover moisture used at season:
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 Reqirements inches (2) | Effective Precipitation inches | Net Irrigation Reqirements 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 | 1.98 | 0.45 | 1.04 | 0.59 | 0.89 | 0.06 | |
| June | 6.32 | 0.59 | 5.73 | 0.78 | 5.54 | 0.21 | 0.24 |
| July | 8.23 | 1.07 | 7.16 | 1.41 | 6.82 | 0.27 | 0.30 |
| August | 3.37 | 0.48 | 2.39 | 0.63 | 2.23 | 0.22 | |
| 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** | **19.90** | **2.59** | **16.32** | **3.42** | **15.49** | | |

(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 moiature used at the end of the growing season.

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

Date: 7/28/2005

# Irrigation Water Requirements

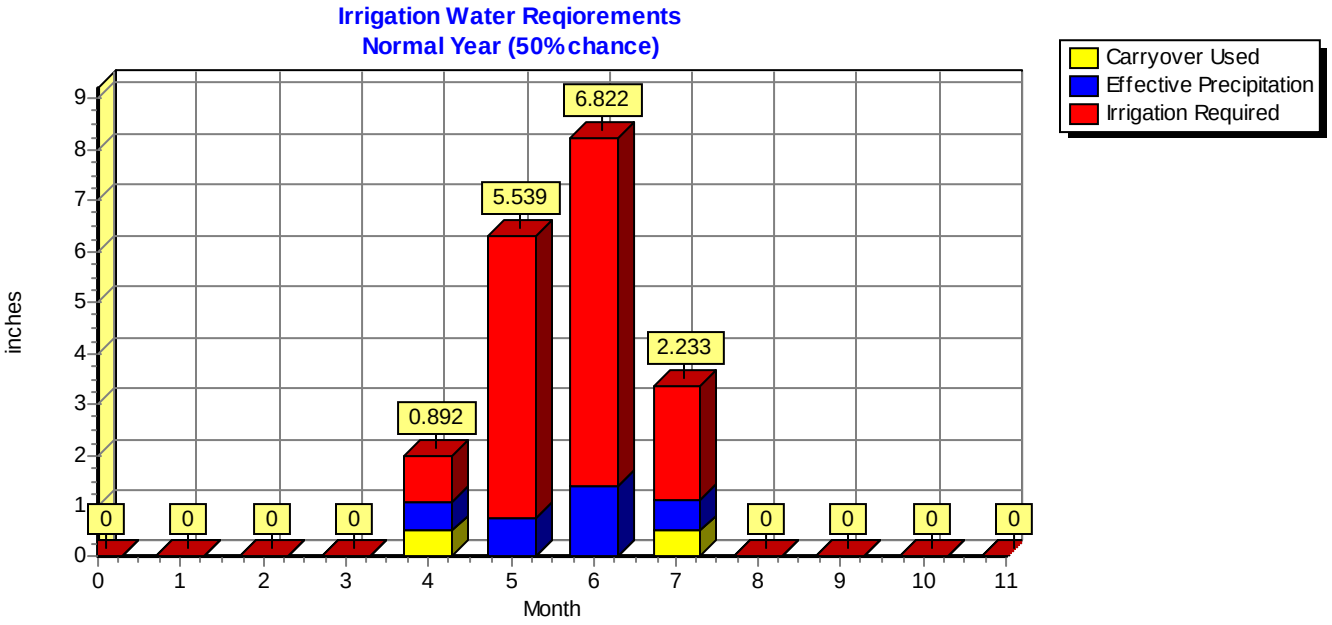
## Monthly Crop Water Requirements

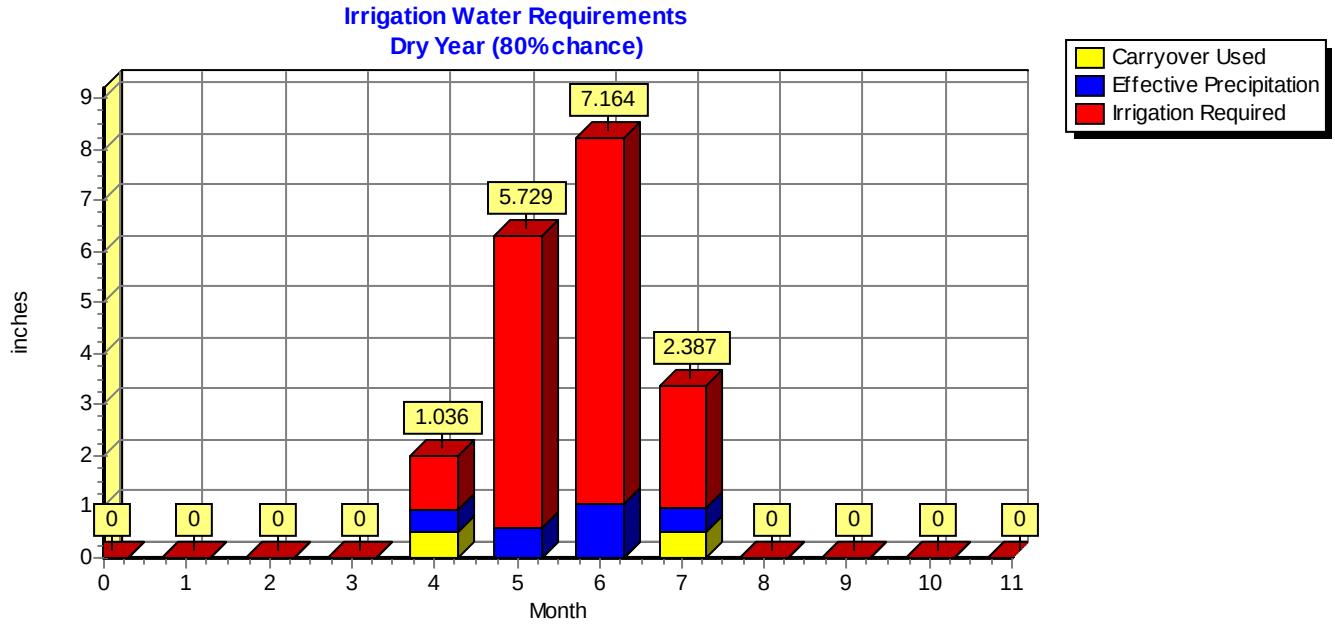
Job: **Santa Fe**

Location: **Santa Fe**
Computation Method: **Blaney Criddle (TR21)**
Begin Growth: **5/1** End Growth: **8/15**

Crop: **Corn, sweet**

Date: **7/28/05**
Crop Curve: **Blaney Criddle Annual Crop**
Net irrigation application: **1** inches
Estimated carryover moisture used at season:
Begin: **0.5** inches End **0.5** inches



# Irrigation Water Requirements
## Crop Data Summary

Job: **Santa Fe**
Location: **Santa Fe**
By: **MAS**
Weather Station: **SANTA FE 2**
Latitude: **3537** Longitude: **10559**
Computation Method: **Blaney Criddle (TR21)**
Crop Curve: **Blaney Criddle Annual Crop**
Begin Growth: **5/15** End Growth: **7/30**

Crop: **Cut Flowers**
County: **Santa Fe, NM**
Date: **7/28/05**
Sta No: **NM8085**
Elevation: **6720** feet above sea level

Net irrigation application: **1** inches
Estimated carryover moisture used at season:
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 Reqirements inches (2) | Effective Precipitation inches | Net Irrigation Reqirements 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 | 1.09 | 0.24 | 0.35 | 0.32 | 0.27 | 0.06 | |
| June | 5.09 | 0.55 | 4.54 | 0.73 | 4.36 | 0.17 | 0.19 |
| July | 4.94 | 0.87 | 3.57 | 1.14 | 3.29 | 0.16 | |
| 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** | **11.11** | **1.66** | **8.46** | **2.19** | **7.92** | | |

(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 moiature used at the end of the growing season.

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

Date: 7/28/2005

# Irrigation Water Requirements

## Monthly Crop Water Requirements

Job: **Santa Fe**

Location: **Santa Fe**

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

Begin Growth: **5/15** End Growth: **7/30**

Crop: **Cut Flowers**

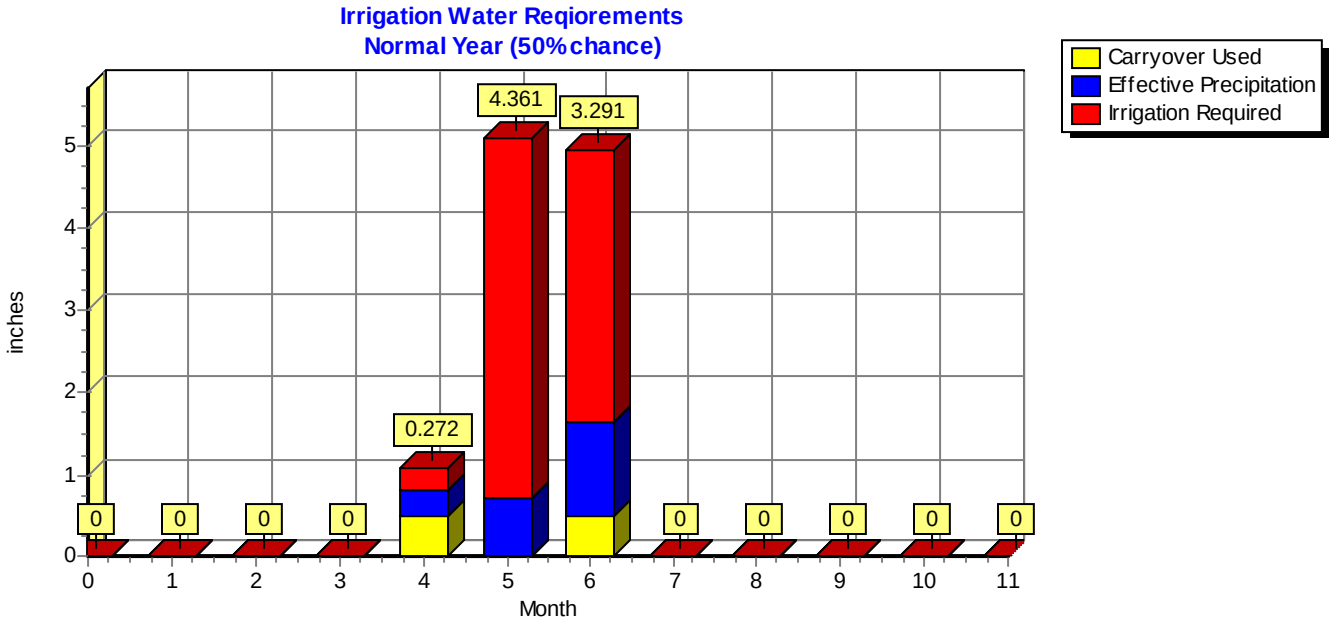
Date: **7/28/05**

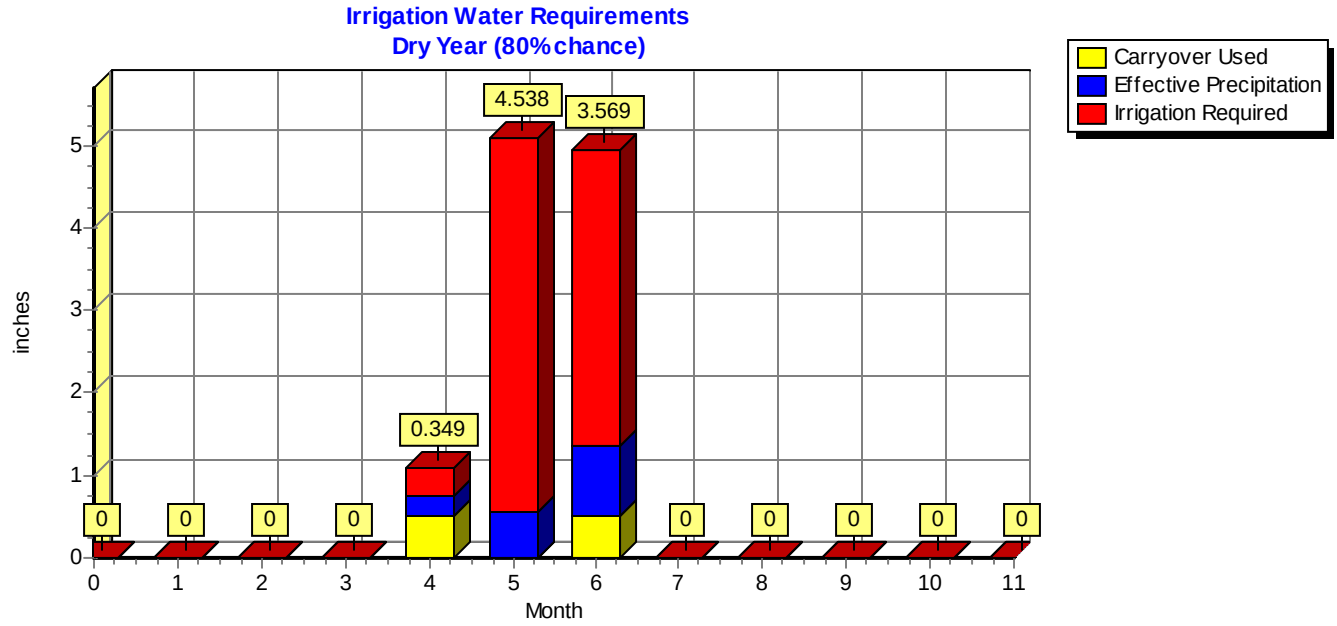
Crop Curve: **Blaney Criddle Annual Crop**

Net irrigation application: **1** inches

Estimated carryover moisture used at season:

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



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## Crop Data Summary

Job: **Santa Fe**
Location: **Santa Fe**
By: **MAS**
Weather Station: **SANTA FE 2**
Latitude: **3537** Longitude: **10559**
Computation Method: **Blaney Criddle (TR21)**
Crop Curve: **Blaney Criddle Annual Crop**
Begin Growth: **3/15** End Growth: **6/30**

Crop: **Grain, spring**
County: **Santa Fe, NM**
Date: **7/28/05**
Sta No: **NM8085**
Elevation: **6720** feet above sea level

Net irrigation application: **1** inches
Estimated carryover moisture used at season:
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 Reqirements inches (2) | Effective Precipitation inches | Net Irrigation Reqirements 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 | 0.39 | 0.16 | 0.00 | 0.21 | 0.00 | 0.02 | |
| April | 2.57 | 0.27 | 2.03 | 0.36 | 1.89 | 0.09 | 0.10 |
| May | 5.58 | 0.57 | 5.01 | 0.75 | 4.83 | 0.18 | 0.21 |
| June | 2.88 | 0.49 | 1.90 | 0.64 | 1.74 | 0.10 | |
| 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 | 0.00 | 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** | **11.43** | **1.49** | **8.94** | **1.97** | **8.46** | | |

(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 moiature used at the end of the growing season.

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

Date: 7/28/2005

# Irrigation Water Requirements

## Monthly Crop Water Requirements

Job: **Santa Fe**

Location: **Santa Fe**

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

Begin Growth: **3/15** End Growth: **6/30**

Crop: **Grain, spring**

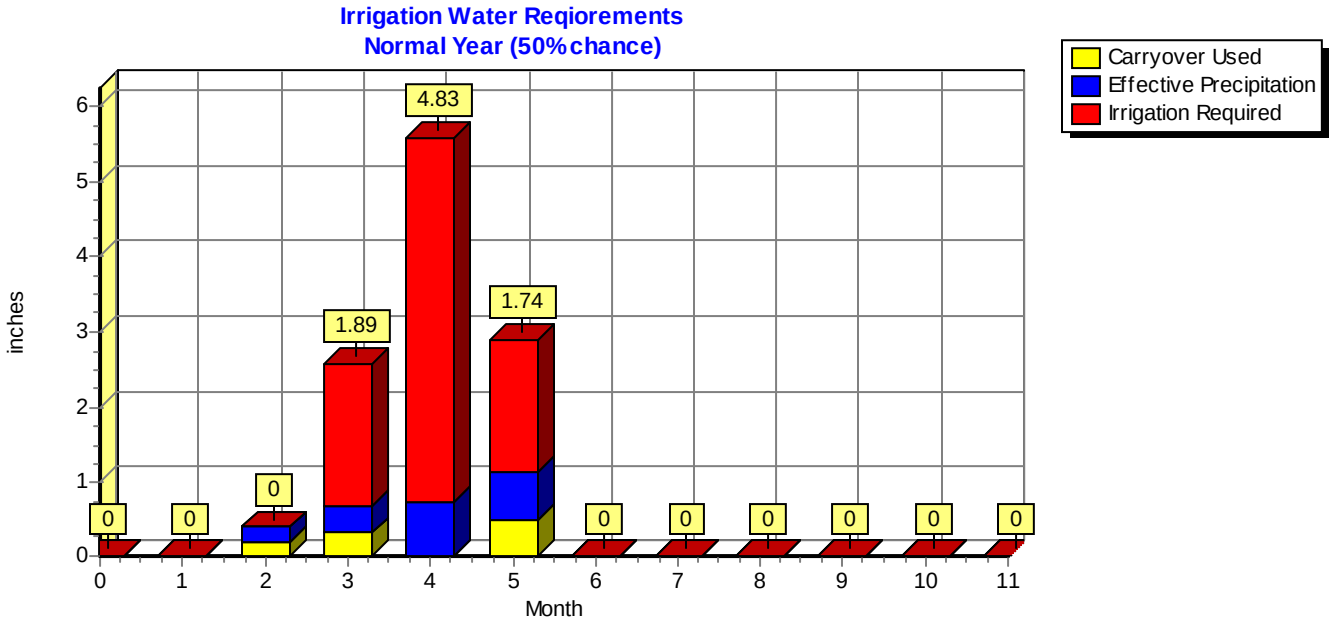
Date: **7/28/05**

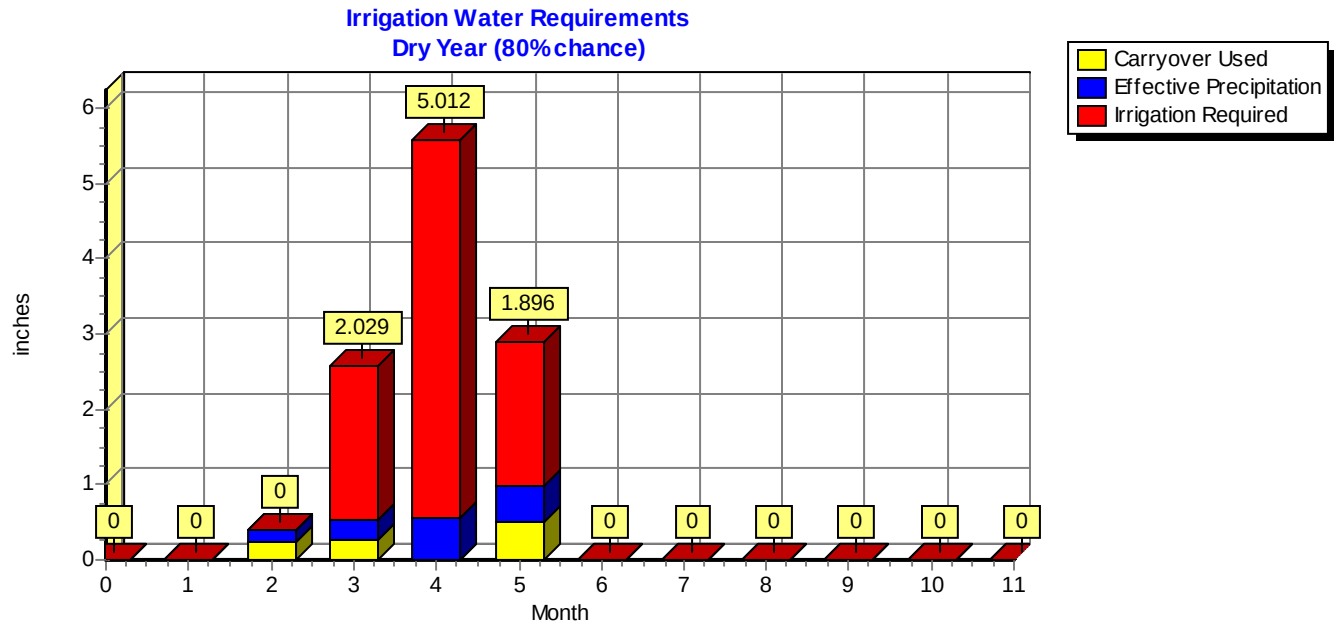
Crop Curve: **Blaney Criddle Annual Crop**

Net irrigation application: **1** inches

Estimated carryover moisture used at season:

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



# Irrigation Water Requirements
## Crop Data Summary

Job: **Santa Fe**
Location: **Santa Fe**
By: **MAS**
Weather Station: **SANTA FE 2**
Latitude: **3537** Longitude: **10559**
Computation Method: **Blaney Criddle (TR21)**
Crop Curve: **Blaney Criddle Perennial Crop**
Begin Growth: **3/15** End Growth: **8/30**

Crop: **Grapes**
County: **Santa Fe, NM**
Date: **7/28/05**
Sta No: **NM8085**
Elevation: **6720** feet above sea level

Net irrigation application: **1** inches
Estimated carryover moisture used at season:
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 Reqirements inches (2) | Effective Precipitation inches | Net Irrigation Reqirements 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 | 0.34 | 0.16 | 0.00 | 0.21 | 0.00 | 0.02 | |
| April | 1.39 | 0.26 | 0.81 | 0.34 | 0.68 | 0.05 | 0.05 |
| May | 3.26 | 0.50 | 2.76 | 0.66 | 2.60 | 0.11 | 0.12 |
| June | 5.31 | 0.56 | 4.75 | 0.74 | 4.57 | 0.18 | 0.20 |
| July | 6.17 | 0.95 | 5.22 | 1.26 | 4.92 | 0.20 | 0.23 |
| August | 5.00 | 0.87 | 3.63 | 1.15 | 3.35 | 0.17 | |
| 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** | **21.47** | **3.29** | **17.18** | **4.35** | **16.12** | | |

(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 moiature used at the end of the growing season.

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

Date: 7/28/2005

# Irrigation Water Requirements

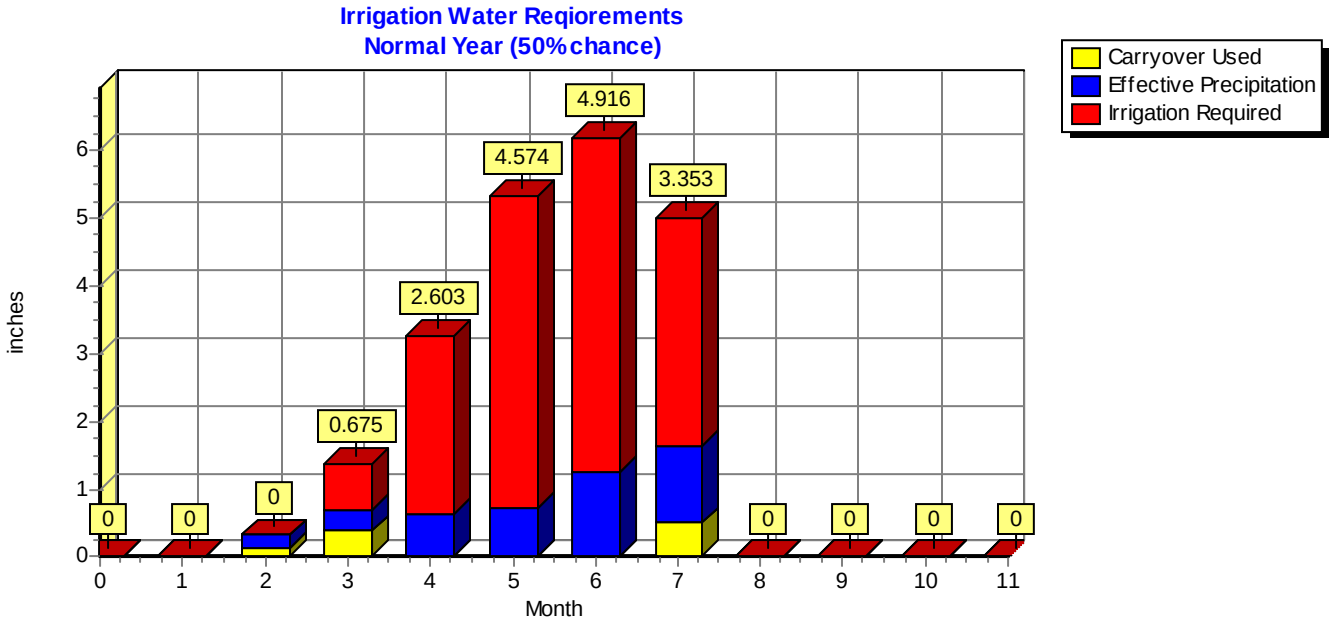
## Monthly Crop Water Requirements

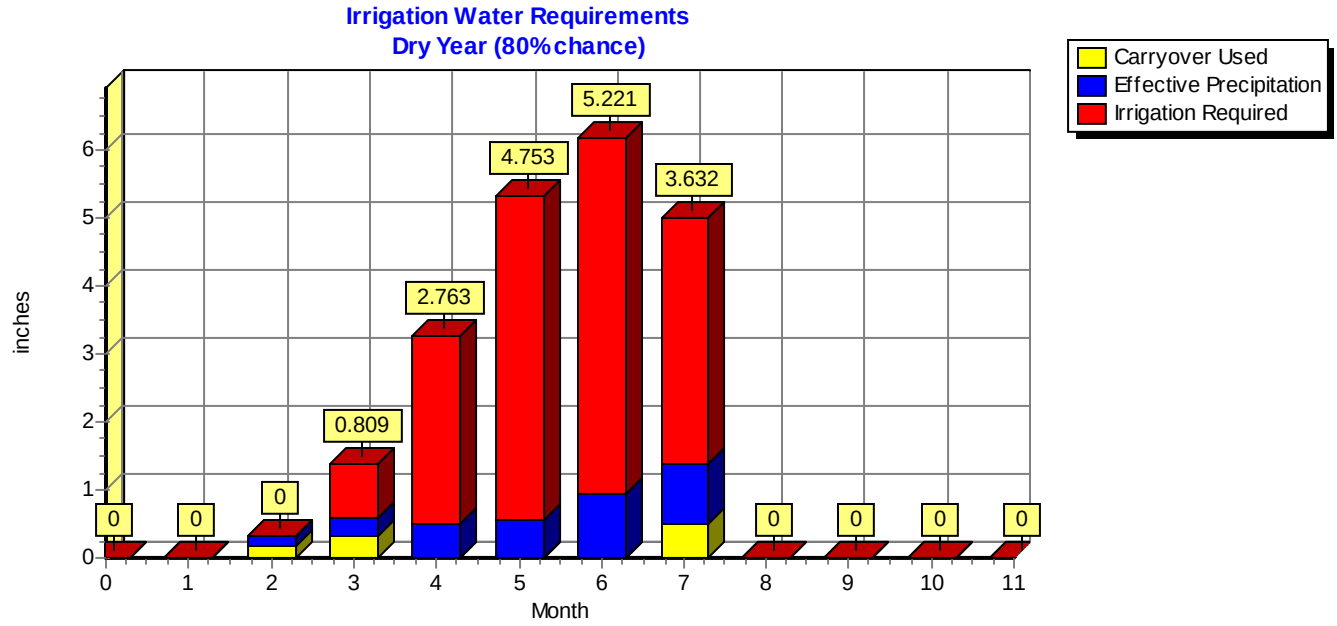
Job: **Santa Fe**

Location: **Santa Fe**
Computation Method: **Blaney Criddle (TR21)**
Begin Growth: **3/15** End Growth: **8/30**

Crop: **Grapes**

Date: **7/28/05**
Crop Curve: **Blaney Criddle Perennial Crop**
Net irrigation application: **1** inches
Estimated carryover moisture used at season:
Begin: **0.5** inches End **0.5** inches



# Irrigation Water Requirements
## Crop Data Summary

Job: **Santa Fe**
Location: **Santa Fe**
By: **MAS**
Weather Station: **SANTA FE 2**
Latitude: **3537** Longitude: **10559**
Computation Method: **Blaney Criddle (TR21)**
Crop Curve: **Blaney Criddle Perennial Crop**
Begin Growth: **3/15** End Growth: **10/15**

Crop: **Lawn cool season**
County: **Santa Fe, NM**
Date: **7/28/05**
Sta No: **NM8085**
Elevation: **6720** feet above sea level

Net irrigation application: **1** inches
Estimated carryover moisture used at season:
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 Reqirements inches (2) | Effective Precipitation inches | Net Irrigation Reqirements 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 | 0.71 | 0.17 | 0.05 | 0.22 | 0.00 | 0.04 | |
| April | 2.32 | 0.27 | 2.05 | 0.36 | 1.95 | 0.08 | 0.09 |
| May | 4.13 | 0.52 | 3.60 | 0.69 | 3.44 | 0.13 | 0.15 |
| June | 6.13 | 0.58 | 5.54 | 0.77 | 5.36 | 0.20 | 0.23 |
| July | 7.10 | 1.00 | 6.10 | 1.32 | 5.78 | 0.23 | 0.26 |
| August | 6.17 | 0.95 | 5.22 | 1.26 | 4.92 | 0.20 | 0.23 |
| September | 4.16 | 0.66 | 3.49 | 0.87 | 3.28 | 0.13 | 0.15 |
| October | 1.14 | 0.23 | 0.41 | 0.30 | 0.33 | 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** | **31.85** | **4.39** | **26.46** | **5.79** | **25.05** | | |

(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 moiature used at the end of the growing season.

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

Date: 7/28/2005

# Irrigation Water Requirements

## Monthly Crop Water Requirements

Job: **Santa Fe**

Location: **Santa Fe**

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

Begin Growth: **3/15** End Growth: **10/15**

Crop: **Lawn cool season**

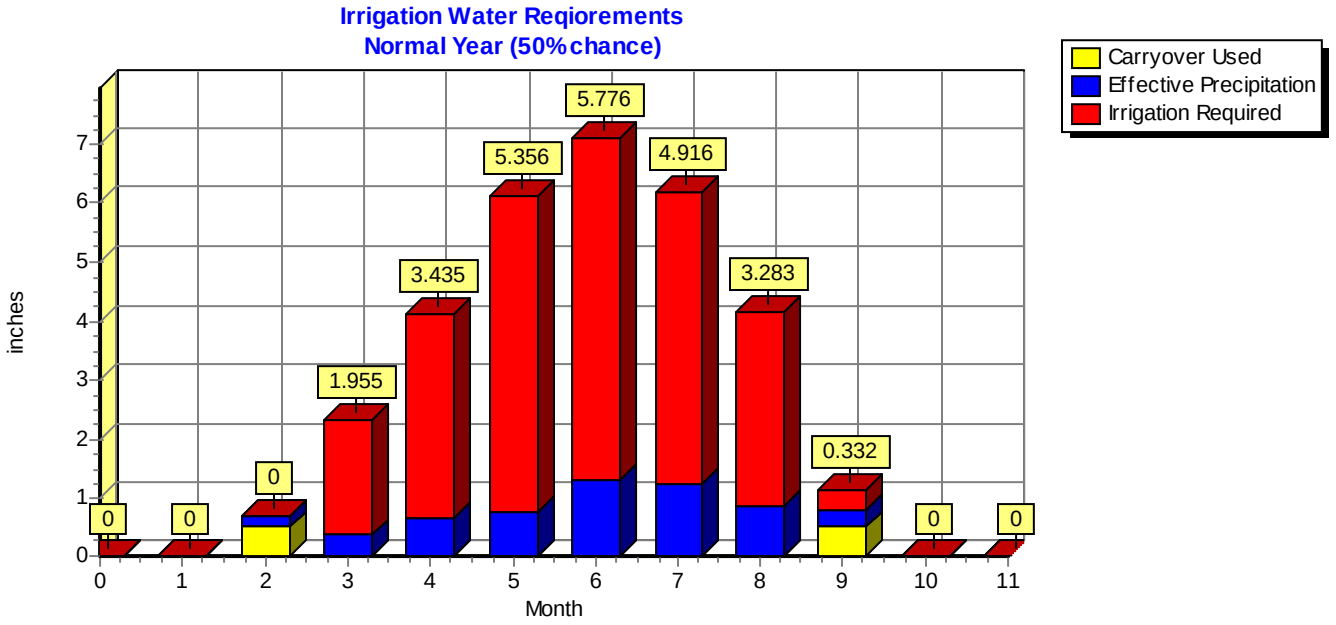
Date: **7/28/05**

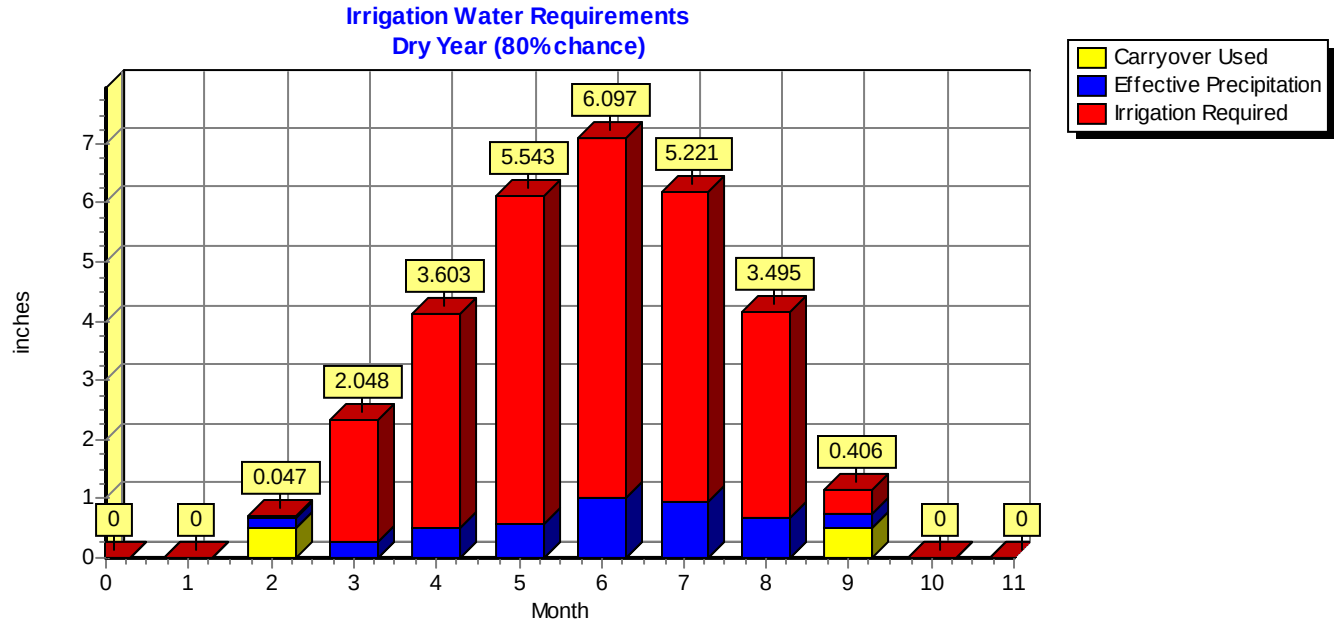
Crop Curve: **Blaney Criddle Perennial Crop**

Net irrigation application: **1** inches

Estimated carryover moisture used at season:

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



# Irrigation Water Requirements
## Crop Data Summary

Job: **Santa Fe**
Location: **Santa Fe**
By: **MAS**
Weather Station: **SANTA FE 2**
Latitude: **3537** Longitude: **10559**
Computation Method: **Blaney Criddle (TR21)**
Crop Curve: **Blaney Criddle Perennial Crop**
Begin Growth: **4/15** End Growth: **8/30**

Crop: **Lawn warm season**
County: **Santa Fe, NM**
Date: **7/28/05**
Sta No: **NM8085**
Elevation: **6720** feet above sea level

Net irrigation application: **1** inches
Estimated carryover moisture used at season:
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 Reqirements inches (2) | Effective Precipitation inches | Net Irrigation Reqirements 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 | 1.26 | 0.14 | 0.62 | 0.18 | 0.58 | 0.08 | |
| May | 4.13 | 0.52 | 3.60 | 0.69 | 3.44 | 0.13 | 0.15 |
| June | 6.13 | 0.58 | 5.54 | 0.77 | 5.36 | 0.20 | 0.23 |
| July | 7.10 | 1.00 | 6.10 | 1.32 | 5.78 | 0.23 | 0.26 |
| August | 5.98 | 0.92 | 4.56 | 1.22 | 4.26 | 0.20 | |
| 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** | **24.59** | **3.17** | **20.42** | **4.18** | **19.41** | | |

(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 moiature used at the end of the growing season.

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

Date: 7/28/2005

# Irrigation Water Requirements

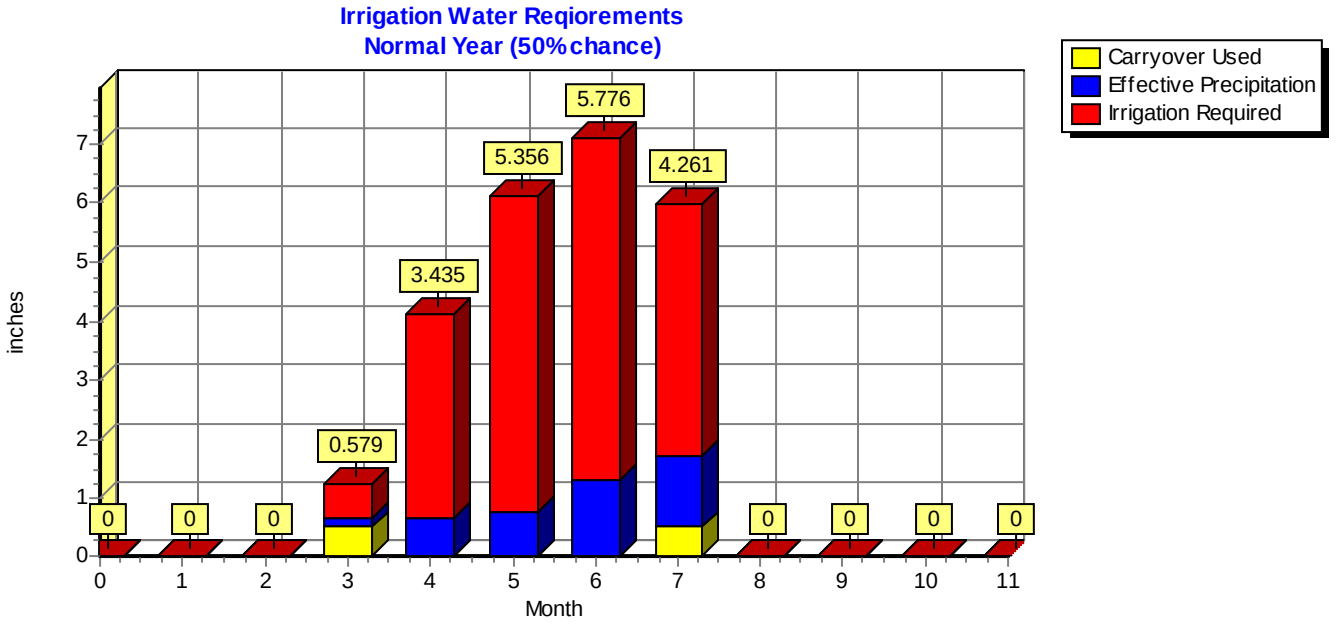
## Monthly Crop Water Requirements

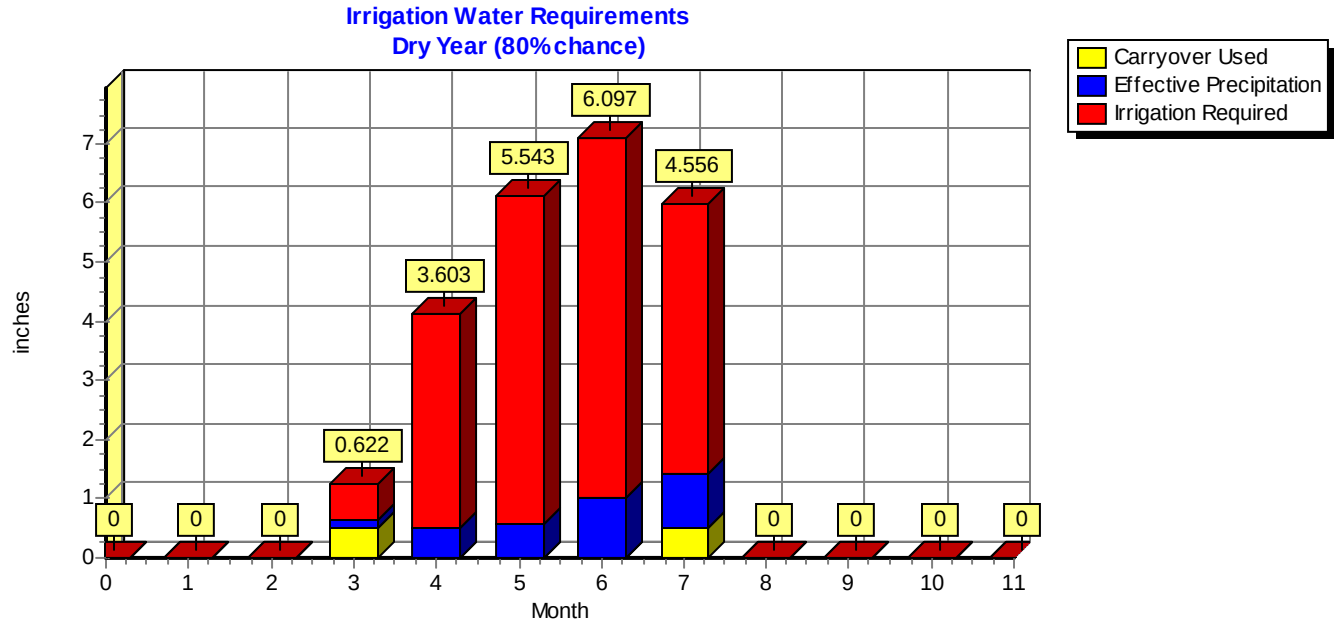
Job: **Santa Fe**

Location: **Santa Fe**
Computation Method: **Blaney Criddle (TR21)**
Begin Growth: **4/15** End Growth: **8/30**

Crop: **Lawn warm season**

Date: **7/28/05**
Crop Curve: **Blaney Criddle Perennial Crop**
Net irrigation application: **1** inches
Estimated carryover moisture used at season:
Begin: **0.5** inches End **0.5** inches



# Irrigation Water Requirements
## Crop Data Summary

Job: **Santa Fe**
Location: **Santa Fe**
By: **MAS**
Weather Station: **SANTA FE 2**
Latitude: **3537** Longitude: **10559**
Computation Method: **Blaney Criddle (TR21)**
Crop Curve: **Blaney Criddle Perennial Crop**
Begin Growth: **3/15** End Growth: **10/20**

Crop: **Pasture, cool season grass**
County: **Santa Fe, NM**
Date: **7/28/05**
Sta No: **NM8085**
Elevation: **6720** feet above sea level

Net irrigation application: **1** inches
Estimated carryover moisture used at season:
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 Reqirements inches (2) | Effective Precipitation inches | Net Irrigation Reqirements 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 | 0.71 | 0.17 | 0.05 | 0.22 | 0.00 | 0.04 | |
| April | 2.32 | 0.27 | 2.05 | 0.36 | 1.95 | 0.08 | 0.09 |
| May | 4.13 | 0.52 | 3.60 | 0.69 | 3.44 | 0.13 | 0.15 |
| June | 6.13 | 0.58 | 5.54 | 0.77 | 5.36 | 0.20 | 0.23 |
| July | 7.10 | 1.00 | 6.10 | 1.32 | 5.78 | 0.23 | 0.26 |
| August | 6.17 | 0.95 | 5.22 | 1.26 | 4.92 | 0.20 | 0.23 |
| September | 4.16 | 0.66 | 3.49 | 0.87 | 3.28 | 0.13 | 0.15 |
| October | 1.64 | 0.31 | 0.83 | 0.41 | 0.73 | 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** | **32.35** | **4.47** | **26.88** | **5.90** | **25.45** | | |

(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 moiature used at the end of the growing season.

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

Date: 7/28/2005

# Irrigation Water Requirements

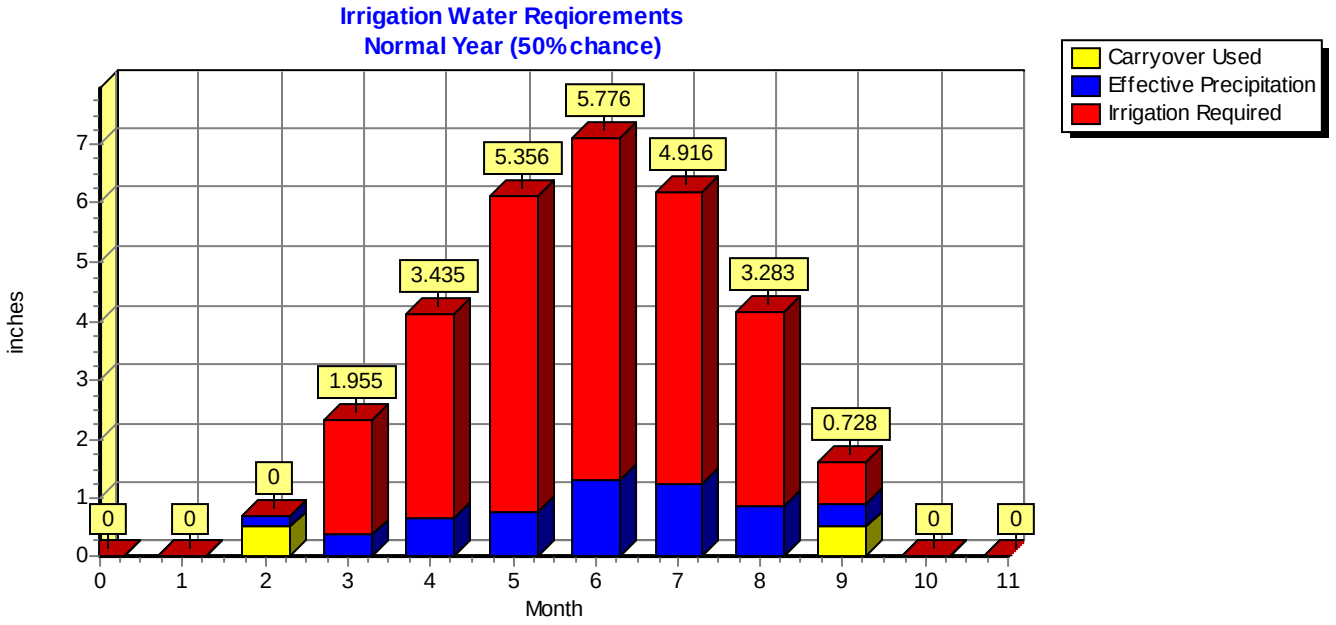
## Monthly Crop Water Requirements

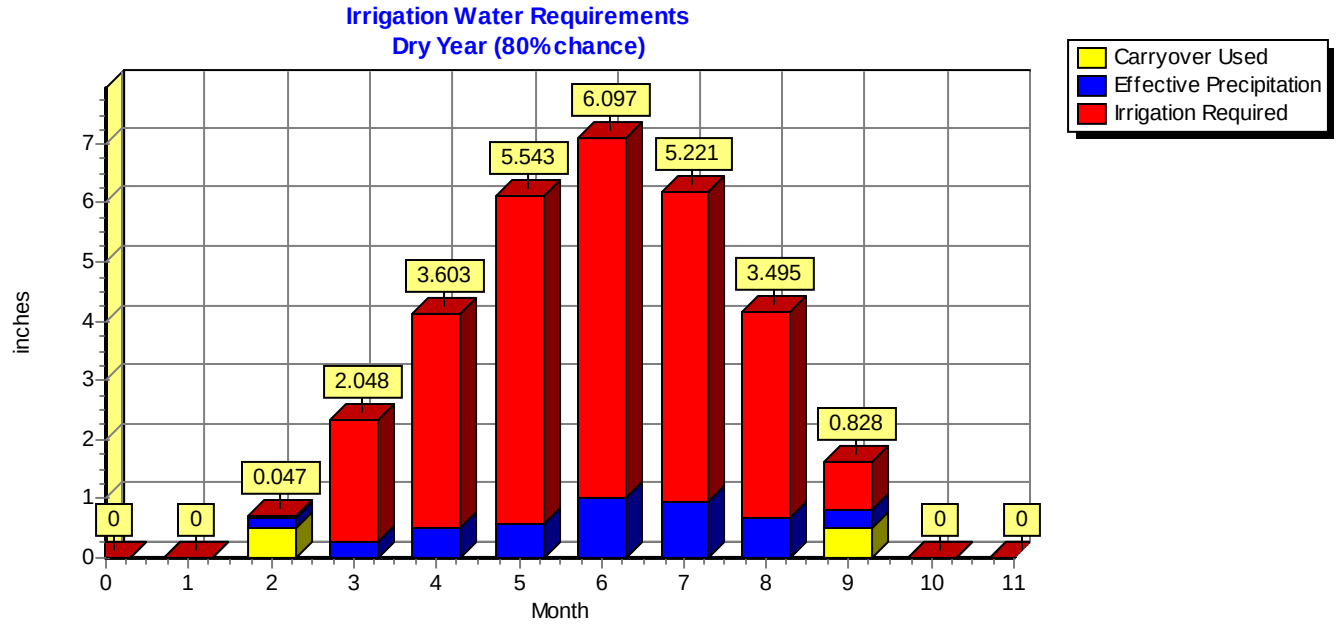
Job: **Santa Fe**

Location: **Santa Fe**
Computation Method: **Blaney Criddle (TR21)**
Begin Growth: **3/15** End Growth: **10/20**

Crop: **Pasture, cool season grass**

Date: **7/28/05**
Crop Curve: **Blaney Criddle Perennial Crop**
Net irrigation application: **1** inches
Estimated carryover moisture used at season:
Begin: **0.5** inches End **0.5** inches



# Irrigation Water Requirements
## Crop Data Summary

Job: **Santa Fe**
Location: **Santa Fe**
By: **MAS**
Weather Station: **SANTA FE 2**
Latitude: **3537** Longitude: **10559**
Computation Method: **Blaney Criddle (TR21)**
Crop Curve: **Blaney Criddle Annual Crop**
Begin Growth: **5/15** End Growth: **9/15**

Crop: **Small Vegetable**
County: **Santa Fe, NM**
Date: **7/28/05**
Sta No: **NM8085**
Elevation: **6720** feet above sea level

Net irrigation application: **1** inches
Estimated carryover moisture used at season:
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 Reqirements inches (2) | Effective Precipitation inches | Net Irrigation Reqirements 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 | 0.92 | 0.24 | 0.19 | 0.31 | 0.11 | 0.05 | |
| June | 4.24 | 0.53 | 3.71 | 0.69 | 3.54 | 0.14 | 0.16 |
| July | 6.26 | 0.96 | 5.31 | 1.26 | 5.00 | 0.20 | 0.23 |
| August | 5.02 | 0.89 | 4.13 | 1.18 | 3.85 | 0.16 | 0.18 |
| September | 1.13 | 0.29 | 0.34 | 0.38 | 0.25 | 0.08 | |
| 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** | **17.58** | **2.90** | **13.68** | **3.83** | **12.75** | | |

(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 moiature used at the end of the growing season.

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

Date: 7/28/2005

# Irrigation Water Requirements

## Monthly Crop Water Requirements

Job: **Santa Fe**

Location: **Santa Fe**

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

Begin Growth: **5/15** End Growth: **9/15**

Crop: **Small Vegetable**

Date: **7/28/05**

Crop Curve: **Blaney Criddle Annual Crop**

Net irrigation application: **1** inches

Estimated carryover moisture used at season:

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