Days-Month 31 28 31 30 30		R	coot 2	zone	water	Balar	псе	Workin	g Mo	del					
Doys-Month 1 28 31 30 31 30 31 31 30 31 31			antino Par	'k									season gras	sses	
Nater Supply			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annu
Second Process 15 10 10 10 10 10 10 10		Days/Month	31	28	31	30	31	30	31	31	30	31	30	31	365
See Part P	Supply														
urface Ramoff is 0.00		[in]	2.74	2.79	2.12	0.88	0.34	0.06	0.04	0.05	0.31	0.65	1.65	2.06	13.69
Self-etime Requirement		[%]	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
Natiable Water	e Runoff	[in]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Note Image 10	ve Rainfall	[in]	2.74	2.79	2.12	0.88	0.34	0.06	0.04	0.05	0.31	0.65	1.65	2.06	13.6
Ingul 0,0 0,0 0,1 0,2 0,3 0,3 0,3 0,3 0,3 0,3 0,3 1,0 0,0 0,0 0,1 0,0 0,0 0,5 16,2 24,7 28,8 30,5 27,9 20,3 13,0 0	ble Water	[in]	0.00	0.00	1.44	4.31	6.59	7.67	8.14	7.44	5.42	3.46	0.15	0.00	44.6
		[MG]	0.0	0.0	1.8	5.3	8.0	9.4	9.9	9.1	6.6	4.2	0.2	0.0	54.5
Variable Water Flow to Irrigation/Storage? Y/N Y Y Y Y Y Y Y Y Y		[mgd]	0.0	0.0	0.1		0.3						0.0	0.0	
Trigution Requirements and Management Votential Crop Evapotranspiration in 1.36 1.77 3.27 4.33 5.61 6.20 6.55 6.00 4.65 3.42 1.77		[ac-ft]	0.0	0.0	5.4		24.7	28.8	30.5				0.6	0.0	167.
	ble Water Flow to Irrigation/Sto	rage? (Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
In 1.36 1.77 3.27 4.33 5.61 6.20 6.55 6.00 4.65 3.42 1.74 1.74 1.75 1.75 3.27 4.33 5.61 6.20 6.55 6.00 4.65 3.42 1.75 1.75 1.75 1.75 3.27 4.33 5.59 5.70 5.94 5.45 4.23 3.14 1.75 1.	tion Requirements and Manageme	ent													
Natural Crop Evaportranspiration			1.36	1.77	3.27	4.33	5.61	6.20	6.55	6.00	4.65	3.42	1.77	1.30	46.23
Net Irrigation Requirement 0.00 0.00 1.15 3.45 5.27 6.14 6.51 5.95 4.34 2.77 0.06 Gross Irrigation Requirement													1.66	1.29	43.71
Initiation Requirement Initiation 0.00 0.00 1.44 4.31 6.59 7.68 8.14 7.44 5.43 3.46 0.00 0.00 1.84 5.33 8.0 9.4 9.9 9.1 6.6 4.2 0.00 0.00 1.84 5.33 8.0 9.4 9.9 9.1 6.6 4.2 0.00 0.00 0.00 0.14 4.31 6.59 7.68 8.14 7.44 5.43 3.46 0.00 0.00 0.18 5.33 8.0 9.4 9.9 9.1 6.6 4.2 0.00 0.00 0.18 5.33 8.0 9.4 9.9 9.1 6.6 4.2 0.00 0.00 0.18 5.33 8.0 9.4 9.9 9.1 6.6 4.2 0.00 0.00 0.18 5.33 8.0 9.4 9.9 9.1 6.6 4.2 0.00													0.12	0.00	35.70
Mid 0.0 0.0 1.8 5.3 8.0 9.4 9.9 9.1 6.6 4.2 0.0 0.0 0.5 4.6 0.0 0.0 5.4 6.2 2.47 2.88 30.5 2.79 20.3 31.0 0.0													0.15	0.00	44.63
Total Irrigation Applied	Gross Irrgation Requirement												0.2	0.0	54.5
Food Inrigation Applied Ima 0.00 0.00 1.44 4.31 6.59 7.68 8.14 7.44 5.43 3.46 0.0													0.6	0.0	167.3
MG 0.0	rrigation Applied						6.59		8.14	7.44	5.43	3.46	0.15	0.00	44.63
Tac-ft 0.0 0.0 0.5 16.2 24.7 28.8 30.5 27.9 20.3 13.0 0.0	rom miguton rappied												0.2	0.0	54.5
Final													0.6	0.0	167.3
leginning Soil Moisture	ion Losses			0.00		0.86	1.32	1.54	1.63	1.49	1.09	0.69	0.03	0.00	8.93
Soil Water Storage at Held Capacity = 2.2	rofile Water Balance														
Soil Water Storage at Minimum Management Allowed Soil Mosture : 1.68 inches		[in]	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
oil Profile Salt Balance reginning Soil Salinity, ECc [dS/m] 1.5 0.1 0.0 0.6 2.2 4.7 5.5 5.4 5.4 5.4 5.4 5.4 Irrigated Land = 45.0 acres Soil Water Storage at Field Capacity = 2.20 inches Soil Water Storage at Permanent Wilting Point = 0.90 inches Available Water Holding Capacity = 1.30 inches Soil Water Storage at Minimum Management Allowed Soil Moisture : 1.68 inches Soil Water Storage at Minimum Management Allowed Soil Moisture : 1.68 inches Ropeletion Fraction [-] 0.40 Depletion Fraction - Average fraction of total available soil water that can be depleted from the root rooting Depth [fit] 1.5 resulting in ET reduction occurs. Yield Response Factor - A slope factor describing the reduction in ETc caused by soil water shortage. Salinity Induced Yield Reduction - 1 (dS/m) 3.9 conductivity of the saturation extract at the threshold of ECe when crop yield first reduces below the See "Ref-Crop Water Prof. Crop Water Prof. Crop Water See Ref-Crop Water See Ref-Crop Water Prof. Crop Water See Ref-Crop Water See	Soil Moisture	[in]	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2		2.2	2.2	
leginning Soil Salinity, EC¢ [dS/m] 1.5 0.1 0.0 0.6 2.2 4.7 5.5 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4	Percolation	[in]	1.4	1.0	0.0	0.0	0.0	0.5	0.6	0.6	0.4	0.3	0.1	0.8	5.7
leginning Soil Salinity, ECc [dS/m] 1.5 0.1 0.0 0.6 2.2 4.7 5.5 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4	rofile Salt Balance														
Irrigated Land = 45.0 acres Soil Water Storage at Field Capacity = 2.20 inches Soil Water Storage at Penanent Witting Point = 0.90 inches Available Water Holding Capacity = 1.30 inches Soil Water Storage at Minimum Management Allowed Soil Moisture : 1.68 inches Soil Water Storage at Minimum Management Allowed Soil Moisture : 1.68 inches Soil Water Storage at Minimum Management Allowed Soil Moisture : 1.68 inches Soil Water Storage at Minimum Management Allowed Soil Moisture : 1.68 inches Soil Water Storage at Minimum Management Allowed Soil Moisture : 1.68 inches Soil Water Storage at Field Capacity = 2.20 inches Available Water Holding Capacity = 0.90 inches Available Water Holding Capacity = 1.30 inches Soil Water Storage at Minimum Management Allowed Soil Moisture : 1.68 inches Soil Water Storage at Field Capacity = 2.20 inches Soil Water Storage at Penanent Witting Point = 0.90 inches Available Water Holding Capacity = 2.20 inches Soil Water Storage at Penanent Witting Point = 0.90 inches Available Water Holding Capacity = 2.20 inches Soil Water Storage at Penanent Witting Point = 0.90 inches Available Water Holding Capacity = 2.20 inches Soil Water Storage at Penanent Witting Point = 0.90 inches Available Water Holding Capacity = 2.20 inches Soil Water Storage at Penanent Witting Point = 0.90 inches Available Water Holding Capacity = 0.90 inches Available Water Holding Capacity = 2.20 inches Soil Water Storage at Penanent Witting Point = 0.90 inches Available Water Holding Capacity = 0.90 inc		[dS/m]	1.5	0.1	0.0	0.6	2.2	4.7	5.5	5.4	5.4	5.4	5.2	4.7	
Soil Water Storage at Permanent Wilting Point = 0.90 inches Available Water Holding Capacity = 1.30 inches Soil Water Storage at Permanent Wilting Point = 0.90 inches Available Water Holding Capacity = 1.30 inches Soil Water Storage at Minimum Management Allowed Soil Moisture : 1.68 inches Concept			0.1	0.0	0.6	2.2	4.7	5.5	5.4	5.4	5.4	5.2	4.7	1.5	
Soil Water Storage at Permanent Witting Point = 0.90 inches Available Water Holding Capacity = 1.30 inches Soil Water Storage at Minimum Management Allowed Soil Moisture : 1.68 inches Comparameters					Irrig	ated Land =	45	i.0 acres							
Soil Water Storage at Permanent Withing Point = 0.90 inches Available Water Holding Capacity = 1.30 inches Soil Water Storage at Minimum Management Allowed Soil Moisture : 1.68 inches Copp Parameters				Soil Water S	Storage at Field	1 Canacity =	2:	20 inches							
Soil Water Storage at Minimum Management Allowed Soil Moisture: 1.68 inches General Design Parameters															
General Design Parameters Notes: Depletion Fraction [-] 0.40 Rooting Depth [fit] 1.5 Friedl Response Factor A slope factor describing the reduction in ETr caused by soil water shortage. Salinity Induced Yield Reduction [W/(dS/m)] 6.0 Fireshold ECe [dS/m] 3.9 General Design Parameters Depletion Fraction - Average fraction of total available soil water that can be depleted from the root. Popletion Fraction - Average fraction of total available soil water that can be depleted from the root. Popletion Fraction - Average fraction occurs. Yield Response Factor - A slope factor describing the reduction in ETr caused by soil water shortage. Salinity Induced Yield Reduction - A slope fact in relative yield according to an incremental increase in ECe for values above the threshold ECe. To conductivity of the saturation extract at the threshold of ECe when crop yield first reduces below the See "Ref-Vigical values of this parameter. See "Ref-Crop Water Parathe depletion fraction and maximum rooting depth. See "Ref-Crop Salt Tolerance for typical values reduction factor and the threshold ECe. Soil Parameters Parameters Parameter P				Available	Water Holding	Capacity =	1.3	30 inches							
Notes: Depletion Fraction - Average fraction of total available soil water that can be depleted from the root. Rooting Depth [ft] 1.5 resulting in ET reduction occurs. Yield Response Factor - A slope factor describing the reduction in ETc caused by soil water shortage. Salinity Induced Yield Reduction - A slope fact Salinity Induced Yield Reduction [%/(dS/m)] 6.0 in relative yield according to an incremental increase in ECe for values above the threshold ECe. To conductivity of the saturation extract at the threshold of ECe when crop yield first reduces below the See "Ref-Yield Response Factors" for typical values of this parameter. See "Ref-Crop Water Parathe depletion fraction and maximum rooting depth. See "Ref-Crop Salt Tolerance for typical values reduction factor and the threshold ECe.		Soil Water Storage a	t Minimum	n Manageme	nt Allowed Soi	il Moisture :	1.0	68 inches							
Depletion Fraction [-] 0.40 Depletion Fraction - Average fraction of total available soil water that can be depleted from the root. tooling Depth [ft] 1.5 resulting in ET reduction occurs. Yield Response Factor - A slope factor describing the reduction in ETc caused by soil water shortage. Salinity Induced Yield Reduction - A slope in the reduction in ETc caused by soil water shortage. Salinity Induced Yield Reduction - A slope factor describing the reduction in ETc caused by soil water shortage. Salinity Induced Yield Reduction - A slope factor describing the reduction in ETc caused by soil water shortage. Salinity Induced Yield Reduction - A slope factor slope in the reduction in ETc caused by soil water shortage. Salinity Induced Yield Reduction - A slope factor slope in the reduction - A slope factor slope in the reduction in ETc caused by soil water shortage. Salinity Induced Yield Reduction - A slope factor - A sl				(General I	Design I	Paran	neters							
Rooting Depth [tt] 1.5 resulting in ET reduction occurs. Yield Response Factor - A slope factor describing the reduction in Fire Response Factor - A slope factor describing the reduction in the reduction in ET caused by soil water shortage. Salinity Induced Yield Reduction - A slope fact in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe. [dS/m] 3.9 in relative yield according to an incremental increase in ECe for values above the threshold ECe.	Parameters				Notes:										
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Salinity Induced Yield Reduction [%/(dS/m)] 6.0 in relative yield according to an incremental increase in ECe for values above the threshold ECe. Threshold ECe [dS/m] 3.9 conductivity of the saturation extract at the threshold of ECe when crop yield first reduces below the See "Ref-Yield Response Factors" for typical values of this parameter. See "Ref-Crop Water Pound Factor and the threshold ECe. Soil Parameters	ng Depth	[ft]	1.5		resulting in I	ET reduction	occurs.	Yield Respon	se Factor	- A slope fa	ctor describ	ing the redu	ction in relat	tive yield ac	cording t
Threshold ECe [dS/m] 3.9 conductivity of the saturation extract at the threshold of ECe when crop yield first reduces below the See "Ref-Yield Response Factors" for typical values of this parameter. See "Ref-Crop Water Para the depletion fraction and maximum rooting depth. See "Ref-Crop Salt Tolerance for typical values reduction factor and the threshold ECe.															
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reduction factor and the threshold ECe.															
Soil Parameters									oth. See	Ret-Crop S	ait Loieranc	e for typical	values of the	e salinity in	дисеа ун
					reduction fa	cioi anu ine	unesno	u EUU.							
	arameters														
		[in/in]	0.12		Field Canac	ity - Defined	as the	water held at a	tension of	0.33 Bar	Permanent I	Niltina Point	- Defined a	s the water	held at a
rend departy [III/III] 0.12 rend departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire departy - Jermed as the water link at a tension 0.35 Zer. I entire dep															
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Combined Irrigation Application Efficiency - (average depth of water infiltrated and retained in the root zone following irrigation) / (average depth of water applied). See "Calc-Irrig Applic Efficiency" for guidelines on estimating.

Irrigation System Parameters
Combined Irrigation Application Efficiency

[-] 0.80