



**WATER SOURCE:**  
 Head Control  
 Max. flow rate (m<sup>3</sup>/h): 68  
 Filtration inlet pressure (m): 38  
 Filtration outlet pressure (m): 28  
 (Pr. requirements at ground level)  
 Ground level (m): 404.3

Area no. 6 ALMA  
 Area=6.16 Ha  
 Laterals=109  
 Q=49.4 m<sup>3</sup>/h  
 P(D/S) = 25.0 m  
 Shift 0

Area no.5 ARMUD  
 Area=5.77 Ha  
 Laterals=109  
 Q=46.2 m<sup>3</sup>/h  
 P(D/S) = 25.0 m  
 Shift 0

Area no. 4 ALMA  
 Area=2.29 Ha  
 Laterals=69  
 Q=18.4 m<sup>3</sup>/h  
 P(D/S) = 25.0 m  
 Shift 0

Area no.3 ARMUD  
 Area=2.30 Ha  
 Laterals=73  
 Q=18.6 m<sup>3</sup>/h  
 P(D/S) = 25.0 m  
 Shift 0

Area no. 2 QOZ  
 Area=1.19 Ha  
 Laterals=45  
 Q=12.9 m<sup>3</sup>/h  
 P(D/S) = 25.0 m  
 Shift 0

Area no. 1 QOZ  
 Area=3.66 Ha  
 Laterals=87  
 Q=39.4 m<sup>3</sup>/h  
 P(D/S) = 25.0 m  
 Shift 0



Project No.: AZSR056

Description	Units	Irrigation Data - Natural Soil		
		Alma	Armud	Qoz
Crop				
Irrigation Area (Net)	Ha.	8.5	8.1	4.9
Rows/Beds Spacing	Mtr.	4.0	4.0	6.0
Plants Spacing	Mtr.	1.00	1.00	4.00
Irrigation System		Drip System	Drip System	Drip System
Emitter Type		DripnetPC 20010	DripnetPC 20010	DripnetPC 20010
Emitter - Min. Allowed Pressure	Mtr.	7.0	7.0	7.0
Emitter Discharge	L/H	1.6	1.6	1.6
Emitter Spacing	Mtr.	0.50	0.50	0.50
No. of Laterals per Row/Bed		1.0	1.0	2.0
Application Rate	mm/h	0.80	0.80	1.07
Max. Daily Consumption	mm/day	6.0	6.0	6.0
Irrigation Cycle	Days	1.0	1.0	1.0
Duration of one Operation	Hrs.	7.50	7.50	5.63
Number of Operations	No.	1.0	1.0	1.0
Max. Daily Operation Duration	Hrs.	7.5	7.5	5.6
Max Daily Irrigation Hours	Hrs.		20.6	
Available Daily Duration	Hrs.		22.0	
Maximum Discharge Required	m <sup>3</sup> /h		68.0	
Required Pressure at Water Source	M		38.0	
Max. Flow Variation	%		0	

- DRIPNET PC 20010 1.6L/H 0.50M
- Wavin PE PIPE 63/10 Glue
- Wavin PVC PIPE 63/6 Glue
- Wavin PE PIPE 75/10 Glue
- Wavin PE PIPE 90/10 Glue
- Wavin PE PIPE 110/10 Glue
- Wavin PVC PIPE 110/6 Glue
- Wavin PE PIPE 125/10 Glue
- Wavin PE PIPE 140/10 Glue

- CV-DOR-A-BS-2"X1-1W-I63-O63-V0-200-1
- CV-DOR-A-BS-3"X1-1W-I90-O90-V0-308-1
- HEAD CONTROL 4"
- Water Supply

SmartAgro

Designer:  
 Date: 15-Jan-20  
 Scale: 1 : 4500  
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