



Technofert Demo Trial Sultanhisar 2009-2010

Prepared by:
Market Development Department
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Farmer Name : **Osman Karaceylan**
Plant : **Strawberry**
Trial Area : **0,3 ha**
Control Plot : **0,3 ha**
Variety : **Festival F1**
Planting : **10/08/2009**
Water Source : **Well**



TOTAL FERTILIZER USED BY FARMER

CULTIVATION PERIOD (MONTH)	Day	FERTILIZER	Dosage (Kg/Ha)	NUTRIENTS											
				Kg/Ha											
				N	P ₂ O ₅	K ₂ O	S	CaO	MgO	Fe	Cu	Zn	Mn	Mo	B
October	0-30	15-30-15	90	13,5	27,0	13,5				0,135	0,014	0,027	0,027	0,0009	0,009
		18-18-18	200	36,0	36,0	36,0				0,300	0,030	0,060	0,060	0,0020	0,020
November	30 - 60	18-18-18	100	18,0	18,0	18,0				0,150	0,015	0,030	0,030	0,0010	0,010
		Calcium Nitrate	16,0	2,5				4,2							
February	60 - 90	MAP	5,0	0,60	3,1										
		Hydroponica	10,0	1,4		4,6									
		Ammonium Sulphate	13,0	2,7											
		10-30-10	33,0	3,3	9,9	3,3				0,050	0,005	0,010	0,010	0,0003	0,003
		DRT Magnesium Sulphate	17,0				2,0		2,7						
March	90-120	X Brand 10-5-40	150	15,0	7,5	60,0				0,225	0,023	0,045	0,045	0,0015	0,015
April	120-150	X Brand 10-52-10	100	10,0	52,0	10,0				0,150	0,015	0,030	0,030	0,0010	0,010
May	150 - 180	X Brand 10-5-40	25,0	2,5	1,3	10,0				0,038	0,004	0,008	0,008	0,0003	0,003
		Y Brand 7-3-7	25,0	1,8	0,8	1,8									
June	180 - 210	X Brand 10-5-40	25,0	2,5	1,3	10,0				0,038	0,004	0,008	0,008	0,0003	0,003
		Y Brand 7-3-7	25,0	1,8	0,8	1,8									
TOTAL FERTILIZING			834	111,5	157,5	168,9	2,0	4,2	2,7	0,95	0,09	0,19	0,19	0,006	0,06

* X and Y brands are well known other brands in market



TOTAL FERTILIZERS USED BY DRT

CULTIVATION PERIOD	Day	FERTILIZER	Dose (Kg/Ha)	NUTRIENTS											
				Kg/Ha											
				N	P ₂ O ₅	K ₂ O	S	CaO	MgO	Fe	Cu	Zn	Mn	Mo	B
October	0-30	15-15-15	416	62,4	62,4	62,4									
		Technofert GENESIS	80	8,0	30,4	13,6				0,120	0,012	0,024	0,024	0,0008	0,008
November	30 - 60	Technofert GENESIS	80	8,0	30,4	13,6				0,120	0,012	0,024	0,024	0,0008	0,008
February	60 - 90	Technofert DYNAMIC	80	14,4	13,6	16,8				0,120	0,012	0,024	0,024	0,0008	0,008
		Nutribella Calcium Nitrate	40	6,2				10,4							
		Docto Combi	1,0							0,06	0,005	0,030	0,025	0,0010	0,0040
		DRT Magnesium Sulphate	20				2,4		3,2						
March	90-120	Technofert EOS	120	16,8	15,6	36,0				0,180	0,018	0,036	0,036	0,0012	0,012
		Docto Combi	1,0							0,06	0,005	0,030	0,025	0,0010	0,0040
		Hydroponica	20	2,7		9,1									
		Nutribella Calcium Nitrate	20	3,1				5,2							
		DRT Magnesium Sulphate	20				2,4		3,2						
April	120 - 150	Technofert EOS	160	22,4	20,8	48,0				0,240	0,024	0,048	0,048	0,0016	0,016
		DRT Magnesium Sulphate	20				2,4		3,2						
		Docto Combi	1,0							0,06	0,005	0,030	0,025	0,0010	0,0040
		Nutribella Calcium Nitrate	60	9,3				15,6							
May	150-180	Technofert EOS	100	14,0	13,0	30,0				0,150	0,015	0,030	0,030	0,0010	0,010
		Hydroponica	140	18,9		63,7									
		Docto Combi	1,0							0,06	0,005	0,030	0,025	0,0010	0,0040
		Nutribella Calcium Nitrate	60	9,3				15,6							
		DRT Magnesium Sulphate	40				4,8		6,4						
June	180-210	Technofert EOS	60	8,4	7,8	18,0				0,090	0,009	0,018	0,018	0,0006	0,006
		Hydroponica	120	16,2		54,6									
		Nutribella Calcium Nitrate	40	6,2				10,4							
		DRT Magnesium Sulphate	20				2,4		3,2						
TOTAL FERTILIZING			1.720	226,3	194,0	365,8	14,4	57,2	19,2	1,26	0,12	0,32	0,30	0,011	0,08





Osman Karaceylan

Control

Other Fertilizers



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Technofert Trial Harvest Day

07.05.2010



Benefit & Cost (\$)

	Unit	Farmer	DRT&SQM	Difference
Total Fertilizer Cost	\$/ha	2.615,30	2.992,00	376,70

Yield	Ton/ha	42,75	50,64	7,89
Price	\$/Ton	800,00	800,00	0,00
Gross Income	\$/ha	34.200,00	40.512,00	6.312,00

Net Income	\$/ha	31.584,70	37.520,00	5.935,30
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Increase in Income 19%

Increase in Yield 18%

\$ = 1,5 YTL

- ★ At this trial there were clear differences between the Technofert applied side and the other side starting from April. These differences continued until the end of season.
- ★ Technofert side was more green in winter, shoot growth and flowering was better. Fruit set and color was better in spring like as fruit quality according to other side. Number of fruits were always better than the other side.





“ Fertilizer showed its difference” said by Osman Karaceylan.