







### Functions and Importance



Tomatoes are not only a staple ingredient in countless culinary traditions around the world, but also a powerhouse of nutrition and health benefits. Rich in vitamins A, C, K, and B-complex, as well as essential minerals like potassium and manganese, tomatoes play a vital role in maintaining overall health.



From a broader perspective, tomatoes contribute significantly to global agriculture and economies. They are one of the most widely cultivated vegetables worldwide, supporting millions of farmers and providing a key source of income and food security in many regions.



## Value of Tomato

•Tomatoes are the cheapest and most abundant source of vitamins.

### Consumption:

- Cooking with other vegetables;
- •Durable tomato, Concentrated tomato juice;
- •Pickle;
- •Tomato paste, Ketchup, Sauces etc.
- Pulp, Puree;
- Dried and Semi-Dried (for foods, bakery industries)



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flowers are yellow, and the fruit contains seeds. It

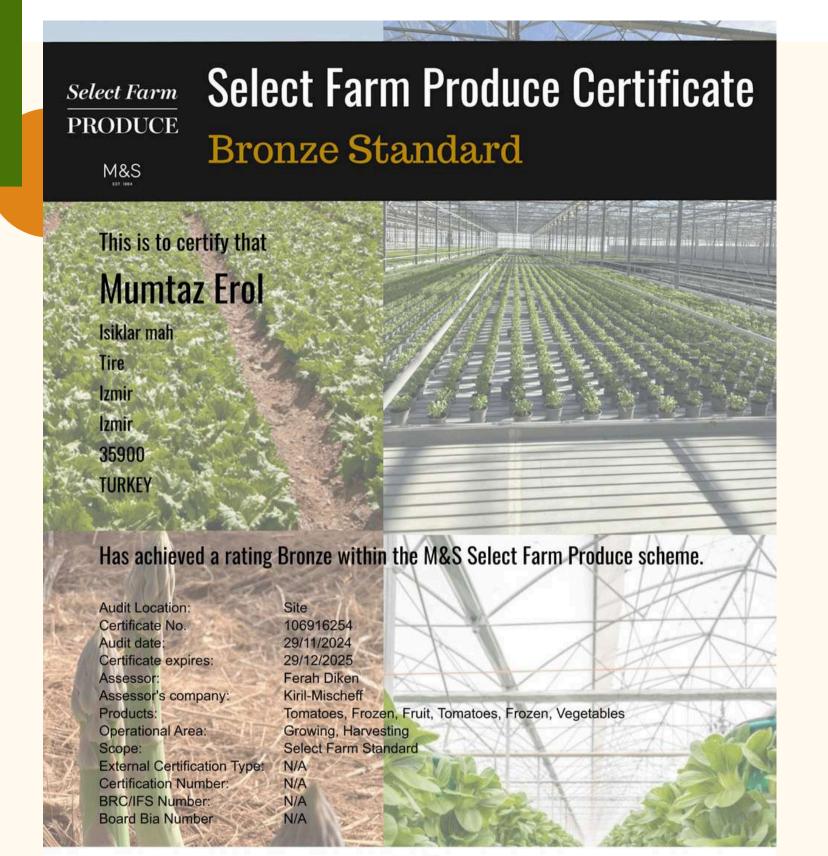
grows as a bush or vine, depending on the variety.

## **Botanical Structure of Tomato**





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M&S Director Food Technology



## From Farm to Fork

Inspired by Marks & Spencer's "From Farm to Fork" approach, we grow, harvest, and process our semi-dried tomatoes with care at every step — using minimal chemicals, ensuring full traceability, and performing regular quality checks. From farm to final product, we deliver safe, natural, and flavorful tomatoes to your table.

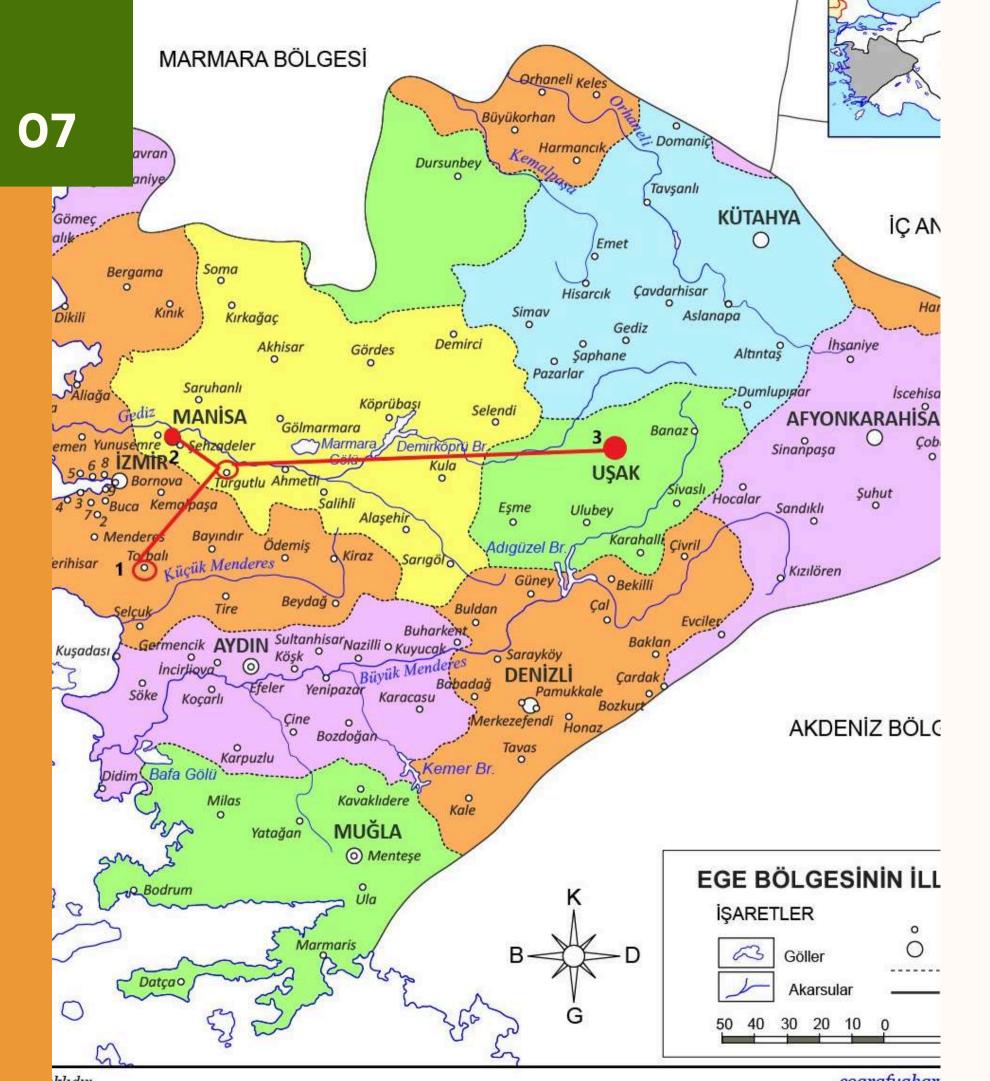


### DFS Agricultural Procedures





- Contracting farmers;
- •Explaining planned applications for the season;
- •Field checks begins;
- •Informations obtained in the field controls are processed and recorded in farmer's databases;
- •Field Management Plans and Evaluation Forms;
- Pre-Registration and Evaluation;
- Fertilization Forms;
- Application forms;
- •Irrigation Forms.





### DFS Crop Planting Map

This map shows the regional order of our crop planting across the Aegean Region, starting from İzmir and extending through Manisa, Uşak. Planting is organized based on optimal harvest timing and regional conditions to ensure efficiency and product quality.



### Chemical & Microbilal Analysis

Regular chemical and microbial analyses are conducted to ensure product safety, quality, and compliance with food standards. These tests detect residues, contaminants, and microbial activity, helping to maintain high hygiene standards and guarantee consumer health.





### BILCEV PRIVATE FOOD CONTROL LABORATORY

Kemalpasa OSB Mah. İzmir Ankara Cad. No:20/Z02 Kemalpasa/İZMİR

### REPORT of EXAMINATION and ANALYSIS

AB-1665-T 2024/42117 12.24

Report/Rev No/Rea. D. Analysis Start - Finish Date : 2024-42117 / 00 / 02.12.2024 :30.11.2024 - 02.12.2024 The Purpose of Analysis Sample Arrival Date : Private Request : 30.11.2024 11:55

Sample Sent by : DFS FOOD A.S

Address : SELVILITEPE MH. T.O.S.B. 2006 CD. NO:1,

TURGUTLU/MANISA

Name of Sample : OSD IQF Segment Tomatoes- Mümtaz Erol

Sample Temperature °C

Sample Packaging : Vacuum Packaging

Production Date Code Number

The recommended consumption:

Quantity

Sample Party No :24-1209 (18.08.2024)

\*Cyfluthrin (Izomerler toplami)(0.01)

\*Cyfluthrin beta/0.01)

**Expiration Date** Seal Number Location

Analysis	Results	Analysis Method	R (%)	M.U.(±)	LOD/LOQ	Device	Ref.Value	E
I-*Pesticide Analysis (GC-MS / VIS)(1) (mg/kg)	Not Detected	AOAC 2007.01				GC-MS/MS		Р
?-*Pesticide Analysis (LC- MS/MS) <sup>c1</sup> (mg/kg)	Not Detected	AOAC 2007.01				LC-MS/MS		P

Analysis methods marked with " \* " are within the scope of accreditation.

3ilcey Analysis Laboratories Inc., which operates as a test laboratory, has been accredited by TÜRKAK according to AB-1665-T and TS EN ISO/IEC 17025:2017 standard.

The Turkish Accreditation Agency (TÜRKAK) has signed a Multilateral Agreement with the European Accreditation Association (EA) and a mutual recognition agreement with the International Laboratory Accreditation Association (ILAC) on the recognition of test reports.

- As a result of the examination and analysis, the above-mentioned values were determined.
- 2. No part of this report may be used alone or separately. Unsigned and unsealed reports are invalid.
- 3. Analysis results are valid for the above-mentioned sample received. Sampling is not performed by our laboratory.
- 4. When necessary, "Measurement Uncertainty" and "Recovery" rates are given with the analysis result. The uncertainty of measurement does not include the uncertainty of measurement resulting from sampling. In the case where measurement uncertainty is used, the coverage factor for expanded measurement uncertainty is the value found by multiplying k=2 and provides 95% confidence.
- 5. It cannot be used for legal and administrative proceedings and for advertising purposes.

  3. Abbreviations; P : Pass, F : Fail, N.I.: Not Interpreted. R.: Recovery. M.U.: Measurement Uncertainty. LOD/LOQ: Detection Limit / Limit of Quantification
- 7. For feed samples, the results were calculated taking into account the 12% moisture content.
- 3. Test and/or measurement results, expanded measurement uncertainties (if any) and test methods are given on the following pages, which are an integral part of this certificate.

"Cyanophosio.01

- 3. This report may not be copied or reproduced in whole or in part without the written permission of the Laboratory
- 10. # The conclusion and declaration of conformity do not analytically meet the definition of residue. 11. The results are suitable for EU Pesticides MRLs.

\*Chiozolinate(0.01)

### Pesticide Analysis (GC-MS / MS)

\*Chlorthion(0.81)

12,4-000(0,01) \*2,4-DDE(0,01) \*2,4+DDT(0,01) \*4,4-000(0,01) \*4,4-DDE(0,01) 14,4-DDT(0,01) \*Acionifen(0,01) #Acrinethrin(0,01) \*Alachior(0,01) \*Dieldrin(0,01) #2-Phenylphenol(0,01 \*Aldrin(0,01) \*Alpha Cypermethrin(0,01) "Ametryn(0,01) "Atrazine(0.01) "Benalaxyl / Benalaxyl M(0,01 \*Benfurelin(0,01) \*Biphenyl(0,01) "Bromophos Ethyl(0,01) "Bromophos Methyl(0,01) \*Butralin(0,01) \*Bromocyclen(0.01) "Bromopropylate/0.01 "Butachlor(0.01) "Butylate(0.01) "Captan(0.01) "THPI (Cls-1,2,3,6-Tetrahydrophthalimid \*Chinomethionate(0,01) \*Chlorbenside(0,01) "Carbophenothion(0,01 \*Chiproufam(0.01) \*Chigrdene dis (elphal/0.0 \*Chlordane trans/0.01 "chlordecone(0.01) \*Chlarfenapyri0.01) \*Chlorfenorop methyl(0.01 \*Chlartenson(0.01 \*chlormephos/0.01 \*Chloronebi0.01 \*Chlorothelanii(0.01 \*Chiproropham(0.01) \*Chiortal Dimethyl/0.01

\*Cycluron(0.01)

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## List of chemicals to be used in 2023 Crop

dfs

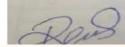
2023 YILI KULLANILACAK İLAÇ LİSTESİ- PPU LIST 2023

			<u> </u>				
ETKEN MADDE		IMAL EDEN	ETKİ ALANI	KULLANILAN MİKTAR	SON		
	TİCARİ ADI				UYGULAMA VE	BKÜ max	EC
	TICARI ADI				HASAT ARASI	вко тах	EC
					SÜRE, GÜN		
					PRE	1	
					HARVEST		
	TRADE NAME			DOSAGE	INTERVAL-		
ACTIVE AGENT		PRODUCED BY	TARGET EFFECT	1 decar (DA) =1000 m <sup>2</sup> ,	DAYS	Turkish MRL.	EU MRL
FUNGICIDES	-	THODOCEDBY	TANGET ETTECT	1 accur (DA) -1000 m,	DATS	TUIKISH WIAE.	EO WIKE
FOSETYL-Al (organofosfor bileşiğidir)	ALIETTE	BAYER	MİLDİYÖ (Phytophthora infestans)	250g/100LT SU-WATER	7 gün/days	100	100
Azoxystrobin	NAZATEM 250 SC	Koruma	ERKEN YAP. YAN.ve MİLDİYÖ (Alternaria solani )	75ml/100LT SU-WATER	3 gün/days	3	3
- AZONYSU ODIII	INAZATENI 230 SC	Koruma	N 9 88		5 guil/ days	Famoxadone;2 Cymoxanil;0,2	Famoxadone;2
3 %22,5 + %30 Famoxadone + Cymoxanil	Caser Pro	Agrobest	MİLDİYÖ (Phytophthora infestans)	40g /Da	3 gün/days	ramoxadone,2 Cymoxami,o,2	Cymoxanil;0,4
	Curcoz Ultra	Koruma	ERKEN YAP. YAN.ve MİLDİYÖ (Alternaria solani )	400g/100LT SU-WATER	21 gün /days	Mancozeb;0,06 FosetylAl;100	Mancozeb;3 Fosetyl-Al;100
%25 Mancozeb + %32.5 Fosetyl Al + %2.5 Cymoxanil						Cymoxanil;0,2	Cymoxanil;0,4
5 %4,2 Cymoxanil + %39,75 Metalik Bakıra Eşdeğer Bakır Oksiklorid	Expert® Team	HEKTAŞ	ERKEN YAP. YAN. ve MİLDİYÖ ( Alternaria solani)	200g / 100LT SU-WATER	7 gün/days	Cymoxanil;0,2	Cymoxanil;0,4
704,2 Cyffioxaffii + 7059,73 Metalik Bakifa Eşdeğel Bakif Oksikiofid					7 gün/days	Bakır Oksiklorit;5	Bakır Oksiklorit;
Metrafenone	Vivando®	BASF	KÜLLEME ( Leveillula taurica )	20ml / Da	3 gün/days	0,4	0,6
Reynoutria spp ekstraktı	Regalia	SYNGENTA	KÜLLEME ( Leveillula taurica )	200ml/ 100LT SU-WATER	0 gün/days	0	0
	Regalia	SYNGENTA	KURŞUN-İ KÜF (Botrytis cinerea )	125ml/100 LT SU-WATER	O gün/days	0	0
INSECTICIDES							=
Pyridaben	Rhamses® 20 WP	ASTRONOVA	BEYAZ SİNEK ( Bemisia tabaci )	100g/100LT SU-WATER	3 gün/days	0,3	0,3
	Rhamses® 20 WP	ASTRONOVA	PAS AKARI (Aculops lycopersici)	75g /100LT SU-WATER	3 gün/days	0,3	0,3
	Moonmite	AGROBEST	BEYAZ SİNEK ( Bemisia tabaci )	100g/100LT SU-WATER	3 gün/days	0,3	0,3
	Moonmite	AGROBEST	PAS AKARI (Aculops lycopersici)	75g /100LT SU-WATER	3 gün/days	0,3	0,3
Metaflumizone	Alverde	BASF	YEŞİL KURT ( Tuta absoluta )	100ml /Da	3 gün/days	0,6	0,6
%35 Chlorantraniliprole	Altacor	DUPONT	YEŞİL KURT ( Tuta absoluta )	12g /100LT SU- WATER	1 gün/days	0,6	0,6
Pyriproxyfen	GOLDAMİRAL	AGROBEST	BEYAZ SİNEK ( Bemisia tabaci )	100ml/ 100LT SU-WATER	1 gün/days	1	1
Acetamiprid	MOSPILAN 20SP	SUMI AGRO	BEYAZ SİNEK ( Bemisia tabaci )	30g /Da	3 gün/days	0,2	0,5
Flubendiamide	TAKUMİ	HEKTAŞ	YEŞİL KURT ( Tuta absoluta )	15g/ 100LT SU-WATER	1 gün/days	0,2	0,2
530 g/l Propamocarb + 310 g/l Fosetyl	PREVICUR® ENERGY SL 840	BAYER	ÇÖKERTEN ( Pythium spp. )	4 ml / m2	0 gün/days	4	4
AC	ARACIDES						
SPIROMESİFEN	KOFFEX	AGRI-SCIENCES	İKİ NOKTALI KIRMIZI ÖRÜMCEK ( Tetranychidae Urtiea )	50ml /100 LT SU-WATER	3 gün/days	1	1
	ORENTAL	CANSA		50ml/100 LT	3 gün/days	1	1
HER	BICIDES						
8 Pendimethalin	STOMP EXTRA	BASF	YABANCI OT ( HERBİSİT )	300 ml /Da	0 gün/days	0,05	0,05
HAZIDI AVANL DDEDADED BV:	and Marie Address Control (Control)		ONAVIAVANI ADDDOVED BV:				75 1 003 03 04 2023

HAZIRLAYAN- PREPARED BY:

CNAYLAYAN- APPROVED BY:

ZS.L.003,03.04.2023





## Periodic Controls Throughout the Stages











# Plant Development Periods











## Thank You!



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