

Prediction of Oil Olives Harvest Dates - Service

The service provides a forecast for the plot optimal harvest dates, to maximize quantity and quality of olive oil. The service recommends the date to start preparing the resources.

At kernel hardening begins the oil accumulation and the harvest prediction process starts.

NATAR Agri-Tec Plot Lab Measurements Data									
NATAR - P.O.B 3069 Givat Ada 3780800 Israel - Tel: +972-50-2476595 info@nataragritec.com									
Customer		Mountain View		Hemisphere		N		Date: 03/10/18	
Plot		ASKAL		Kernel Hardening:		12/06/18			
No.	Sample	Lab Test Date	Plot	Dry Matter %	Moisture %	Oil in Fruit %	1 Fruit weight (g)	FFA(%)	% Water in MW Oven
1	947459	01/07/18	My ASKAL	47.7	52.3	18.8	1.86		
2	947807	09/08/18		48.86	51.14	20.56	2.05		
3	947996	29/08/18		50.5	49.5	23	2.40	0.29	48
4	948190	17/09/18		53.2	46.8	24.8	2.65	0.46	
5	948317	02/10/18		50.3	49.7	24.81	2.75	0.35	

Up to 6 olives samples measurements at indicated dates by NATAR and sent by the lab.

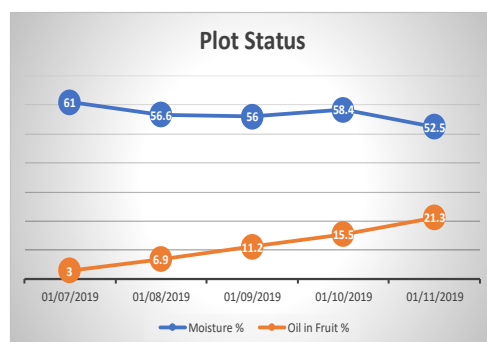
After each measurement, you will receive a harvest prediction report for each plot.

NATAR Agri-Tec									
10/12/2019									
Plot Prediction									
No.	Plot	Sample	Sample Date	% Dry Matter	Moisture %	Oil in Fruit %	1 Fruit Weight	FFA(%)	Water in MW %
1	Arbekina 4-2010	60201	04/07/2019	39	61	3	0.64		
2		60222	11/08/2019	43.4	56.6	6.9	0.95		
3		60060	04/09/2019	44	56	11.2	1.16		
4		60039	06/10/2019	41.6	58.4	15.5	1.39		
5		952345	11/11/2019	47.5	52.5	21.3			
6									

The Report indicates measurements validity:

- Alerts on moisture level and maturation status.
- Estimated date for next measurement and optimal harvest recommended dates.

As the ripening process progresses and additional fruit measurements are obtained, on time, the accuracy of the harvest date forecast improves.



After each measurement, you will receive a harvest plan for the plots.

NATAR Agri-Tec Plots Harvest Plan 2018									
Customer		Mountain View		Date: 01/09/18					
Plot	Sample	Lab Test Date	Dry Matter %	Moisture %	Oil in Fruit %	Oil Accum Indicator	Start Preparation	Recommend Harvest Date	
Hascal	947996	29/08/18	48.86	51.14	20.56	Y	16/08/18	15/09/18	
Arbekina 2013	947994	29/08/18	40.1	59.9	12.7	Y	04/09/18	18/09/18	
Koroneiki 2013	947995	29/08/18	41.16	58.84	13.56	Y	02/09/18	24/09/18	
Arbekina 2016	947997	29/08/18	44.65	55.35	17.56	Y	01/09/18	26/09/18	
Koroneiki 2016	947998	29/08/18	43.98	56.02	15.3	Y	09/09/18	01/10/18	

The Plan indicates:

The date to start the preparations in the plots and the recommended dates to carry out the harvest and to coordinate with the pickers and the olive presses operators.

- Forecast dates for optimum quality and quantity.
- Utilize only the plots lab measurements of the olives.
- Timing resources for efficient operation.
- Synchronize the oil production chain.
- Easy solution – without specialized equipment and sensors.

Benefits

Olive Oil at the Right Time