

**Table 1** Some characteristics of Virginia, Runner, Spanish and Valencia market type peanut varieties.

<b>Characters</b>	<b>Virginia</b> (Halisbey)	<b>Runner</b> (G. Green)	<b>Spanish</b> (Florispán)	<b>Valencia</b> (G. Red)
Origin	Turkey	USA	Turkey	USA
Growing type	Semi-spreading	Spreading	Erect	Erect
Growing period (days)	150	130	120	120
Pod size	Large	Small	Very small	Medium and long
Seed size	Large	Small	Small	Small to medium
Seed per pod	2	2	2	3-4
Seed testa color	Pink	Pink	Cream	Red

**Table 2** The climate conditions during the 2017-2018-2019 growing period and long term (LT) average (1929-2019)

<b>Months</b>	<b>Average Temperature</b> (°C)				<b>Precipitation</b> (mm)				<b>Relative Humidity</b> (%)			
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>L.T.</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>L.T.</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>L.T.</b>
April	18.5	20.1	17.0	17.5	63.2	33.0	61.4	51.1	60.7	61.2	67.0	60.1
May	21.8	24.4	24.1	21.7	44.4	25.6	2.6	47.1	68.8	62.8	57.6	63.2
June	26.2	26.4	27.1	25.6	19.4	27.0	13.8	20.5	69.1	70.2	68.7	70.2
July	30.4	29.1	28.4	28.2	0.0	0.0	28.0	6.2	64.4	69.8	68.8	67.5
August	29.9	29.7	29.6	28.7	0.0	0.0	0.0	5.5	67.5	68.8	68.0	68.5
September	27.8	27.9	27.3	26.1	11.2	1.2	0.0	17.6	66.1	63.6	62.1	65.4

**Table 3.** The average data (three years) belonging to oil content, fatty acids composition, O/L ratio and iodine value of different market type peanut varieties

<b>Quality Traits</b>	<b>Market Types and varieties</b>				<b>LSD</b> <b>(%5)</b>
	<b>Virginia</b> (Halisbey)	<b>Runner</b> (G. Green)	<b>Spanish</b> (Florispán)	<b>Valencia</b> (G. Red)	
<b>Oil Content (%)</b>	49.87 c	51.28 a	50.54 b	45.38 d	0.530
<b>Palmitic Acid (%)</b>	10.04 d	11.25 c	12.68 a	12.22 b	0.171
<b>Stearic Acid (%)</b>	3.10 b	2.32 c	3.36 a	3.29 a	0.172
<b>Oleic Acid (%)</b>	51.97 a	47.01 b	37.46 d	42.68 c	0.911
<b>Linoleic Acid (%)</b>	27.20 d	31.20 c	38.68 a	34.60 b	0.466
<b>O/L Ration (%)</b>	1.91 a	1.50 b	0.97 d	1.23 c	0.041
<b>Iodine Value</b>	91.80 d	94.47 c	99.23 a	96.63 b	0.506

