gre quite conspicuous.) The label is then cached to the tree by bending the narrow end are about a side limb. As the tree grows this call will expand, and not cut the bark. On this rount thin tin plate is better than thick. The cashould pass around but once, or it will not be way freely to the increase of growth.

This label is so simple that it can never get to order, being nothing else than a single ip of tin; and any tin worker will cut them set per plate for about ten or fifteen by per hundred. We have given them a full and know their success:

## Grape Culture.

The following is a brief outline of an address the culture of the grape in Canada, detend by the President, J. Hurlburt, LL.D., fore the Fruit Growers' Association of Upper made—a copy of which was asked by the viety for publication in the Canadian Ag culturist:

THE CLIMATE OF CANADA AS ADAPTED TO THE CULTURE OF THE GRAVE.

Gentlemen,—In the discharge of that part of pluties which enjoins upon the presiding for of this society "To deliver an address on resubject relating to the objects of the Assistion," I have selected the one here answeed as being of sufficient importance to smand more attention than has been given

The indifference manifested in most parts the country to the culture of the grape is to stributed, no doubt, in part to the impressible the climate of Canada is unpropituous it, and in part to want of information upon ad indifference. Directions as to the best the of culture are easily obtained. If this they can be the instrument of convincing the special be grown here with profit, no doubt experiment will be made. Canada, covered the vine, would appear to Europeans a very ment country from their present estimation it. This one fact would be worth volumes iten on our climate, and would do much to the tide of immigration to our shores.

\*\*kyour attention—

first,—To the temperatures and quantities

in the vine-growing countries of Europe

impared with large areas in Canada where

conditions of climate are found.

the accompanying table will give the condisof climate as to temperatures and quantiof min in the vine-growing countries of the and new world. In all inland countries, sethe season is shorter, higher temperatures laquired than upon the sea coast. While gape is somewhat exacting in requiring a zer temperature between 63 and 80, no definite quantities of rain seem assolutely necessary, as it has been found to flourish in localities where there are twenty inches, and in others only one tenth of an inch in summer. In looking over this table it will be found that in the grape-growing regions in America the temperatures are higher and the quantities of rain greater than in Europe. California and New Mexico present, however, exceptions in the almost total absence of rain in spring and summer.

CLIMATES OF THE VINE-GROWING REGIONS.

KUROPE.	LAT	ALT.	TEMPERATORI			AM	AM'I RAIN, INCHES.			
			enm	win-	!veor	enr'	c futo	· aut	1 5001	
	1	l	me r	ter	٠٠٠٠٠)	1.50	mer	, umr	1 2cm	
	I		<b>I</b> —	<u>'</u>		-	.—		·	
Lisbon	38.42	1	70.9	1.2.5	111.4		٠	Į	1	
Madeira		120	71.3	61.8	60.9	5.1	, 2.3	7.0	10.5	
Turin, Pied-		١	L	1	l	1 -		i	l	
mout	15.11	857	71.0	33.5	[:3.1	8.2	9.0	111.5	33.5	
Vienna, Ly-	i	}	i	1	i	ł	į	1	1	
ons in the		ì	)	1	l	i	,	i	1	
Valley of		000	٠, د			۱. ما		١,, ,	١	
the Rhone	15.32	, 300	11.0	18.7	100.3	7.2	9.0	10.3	31.4	
Bordeaux	14.00	8.167'i	3 6-	150.1	136			9.5		
Vevay Swit-			10	3	03.5	٥٠٠	3.0	9.6	31.4	
zerland	10 00	50	25 2	55 0	50 C	1 - 0	, 10 c	111.1	33.8	
Manking,	10.20	1-2.00		00.0	30.5	l '''	10.0	12.1.2	00.0	
Rhine	10.06	950	la7. 1	22 1	50.3	l a o	80	7.4	27.0	
Dijon, France	17.19	746			52.9		7.5			
Chalons, N.	1	130	100.0	.,0.4	0	, ,,,	,	1 "	1 02.2	
E. France.	18.57	400	86.6	37.1	52.2	5.4	่ ด.∿	6.1	23.2	
Bucharest.	1000			02			,	١٠٠٠	1 -0.0	
Danube	44.27	(3)	65.3	27.8	46.8			١		
Astrachan.	•		1	i		,	1	1	,	
Caspian Sea	46.21	s.lev'l	75.9	19.2	50.		٠	١	l	
•						1	1		1	
AMERICA.				1				1	}	
Camden, S.C	21 15	250	77.0	17 4	62 G	12 6	90.8	0.0	54.4	
SanAntonio.	.,4.10	200	• • • •	*,	V- U	.0.0	1	0.0	03.3	
Texas	29.25	600	82.2	54.2	69.4	8.0	9.4	8.0	32.8	
Cincinnati,	20.20	1				""	,	1	1	
Obio	39.06	550	73.0	32.9	53.5	11.9	11.2	10.0	47.5	
Cleveland "	41.42	625	67.6	30.0	45.1	0.5	8.7	7.7	32.3	
Ann Aibor,						1	1			
Michigan.	42,10	750	66.3	25 8	16.4	7.3	11.2	7.0	28.6	
St. Louis,		' I	1	1	-					
Missouri	38.37	450	76.2	33.4	55.	12.7	11.0	8.7	42.5	
Albuquer-	- 1	1			7	•				
que, N. M.	35.13	4576	73.1	34.4	53.8	0.6	5.6	1.2	8.4	
Rancho dell			}	l					_	
Chino, Cal.	34.00	500:	72.6	54.8	(3.3	25	0.1	1.6	9.7	
Hamilton,	ا۔ ا	000	اء د	- 1	- 1			0 01		
Canada W	43. 15	332	.1.3	•••	•••	3.87	וב.ט	30.0	31.77	
Ancaster, Canada W	,, ,,,	615	ا, ء	ام ءد	15 (	, 0-	ادم م	0 00	27	
Toronto		917	13.61	31.3	13.0	1.01	0.54	10.00	31.77 31.35	
Montreal.		50	77 0	7 3	15.	1.10	1 16.0	10.3.)	17 00	
Quebec	16.30	100	30 3	13.0	11.	• •	1175	••••	17.28	
Contraction of the Contraction o		100	20.11			•••	•	••••	••••	

Bordeaux, in the south-west of France, famous for its delicious vines, has a less summer temperature than Montreal in Lower Canada, or Hamilton, at the head of Lake Ontario. Indeed Hamilton and Montreal have higher summer temperatures than most of the vine-growing countries of Europe. Bossingault gives some interesting facts relating to vine culture at Schabzburg in Flanders. The lowest summer temperature was 63° 1′, with 311 gallons per acre; the next 66°, and 184 gallons to the acre; the highest was 71°, and 544 gallons; the mean for summer of 67° gave 625 gallons per acre—the highest recorded. (We have a fact analogous to this in the yield of the Indian corn, as