

Phenological Data

by
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Phenological data have again been compiled from records collected by B. Peterson, R.C. Russell and M.W. Cormack at the Dominion Laboratories of Plant Pathology situated at Winnipeg, Man.; Saskatoon, Sask.; and Edmonton Alta., respectively. The data are presented in the accompanying table.

The 1941 season was a little in advance of other years throughout the whole period at Winnipeg and Edmonton. At Saskatoon, it was variable, but dry weather and heat hastened the ripening of early sown wheat.

For three plants in the list, Dr. W.H. Minshall supplies the dates on which they were first seen to flower at Ottawa, Canada.

Populus tremuloides	14/4
Acer negundo	19/4
Viola canadensis	29/4

Summary of Phenological Data taken at Winnipeg,
Saskatoon, and Edmonton in 1941

Species	Winnipeg		Saskatoon		Edmonton	
	a	b	a	b	a	b
<i>Pulsatilla Ludoviciana</i>	-	-	22/4	4 L	17/4	9 E
<i>Populus tremuloides</i>	25/4	3 E	24/4	2 L	20/4	3 E
<i>Phlox Hoodii</i>	-	-	28/4	0	-	-
<i>Acer Negundo</i>	1/5	6 E	2/5	3 E	25/4	6 E
<i>Betula papyrifera</i>	-	-	4/5	4 E	1/5	7 E
<i>Thermopsis rhombifolia</i>	-	-	4/5	4 E	-	-
<i>Amelanchier alnifolia</i>	6/5	8 E	12/5	0	5/5	7 E
<i>Hierochloe odorata</i>	-	-	13/5	2 E	-	-
<i>Prunus pennsylvanica</i>	-	-	21/5	3 L	6/5	8 E
<i>Prunus americana</i>	5/5	7 E	-	-	-	-
<i>Smilacina stellata</i>	18/5	5 E	26/5	5 L	21/5	2 E
<i>Viola canadensis</i>	-	-	14/5	0	9/5	8 E
<i>Prunus melanocarpa</i> or <i>P. nana</i>	17/5	5 E	24/5	1 L	19/5	3 E
<i>Svida</i> sp. (<i>Cornus</i> sp.)	20/5	7 E	25/5	3 E	20/5	8 E
<i>Crataegus</i> sp.	17/5	4 E	21/5	-	-	-
<i>Elaeagnus commutata</i>	-	-	29/5	1 E	26/5	5 E
<i>Diholcos bisulcatus</i>	-	-	12/6	4 L	-	-
<i>Lonicera glaucescens</i>	-	-	9/6	-	31/5	6 E
<i>Viburnum Lentago</i>	26/5	7 E	-	-	-	-
<i>Viburnum trilobum</i> (<i>V. Opulus</i>)	29/5	9 E	-	-	2/6	4 E
<i>Anemone canadensis</i>	29/5	10 E	9/6	2 L	13/6	2 E
<i>Achillea lanulosa</i>	-	-	9/6	3 L	20/6	2 E
<i>Galium boreale</i>	-	-	12/6	2 L	9/6	5 E
<i>Heuchera hispida</i>	-	-	13/6	6 L	-	-
<i>Rosa alcea</i>	-	-	20/6	2 L	-	-
<i>Gaillardia aristata</i>	-	-	22/6	2 L	-	-
<i>Agrimonia striata</i>	-	-	-	-	24/6	3 E
<i>Bromus inermis</i>	14/6	5 E	21/6	1 E	22/6	2 E
<i>Campanula petiolata</i>	-	-	22/6	1 L	-	-
<i>Symphoricarpos occidentalis</i>	28/6	1 L	-	-	28/6	3 E
<i>Phleum pratense</i>	-	-	-	-	29/6	4 E
<i>Psoraleidium argophyllum</i>	-	-	2/7	3 E	-	-
<i>Zizia aurea</i>	-	-	-	-	-	-
<i>Chamaenerion spicatum</i>	-	-	-	-	1/7	5 E
<i>Agastache anethiodora</i>	-	-	-	-	7/7	4 E
<i>Lactuca pulchella</i>	-	-	5/7	3 E	13/7	0
<i>Solidago canadensis</i>	-	-	-	-	11/7	?
<i>Grindelia perennis</i>	-	-	-	-	-	-
<i>Oligoneuron canescens</i>	-	-	-	-	-	-
<i>Aster crassulus</i> (white)	-	-	31/7	2 L	-	-
<i>Aster laevis</i> (purple)	-	-	-	-	24/7	6 E
Thatcher wheat						
Sown	17/4	2 E	30/4	8 L	18/4	8 E
Emerged	28/4	3 E	10/5	4 L	3/5	5 E
Headed	20/6	2 E	25/6	1 E	23/6	7 E
Harvested	28/7	2 E	27/7	3 E	4/8	7 E