

PERENNIAL SOWTHISTLE

Life Cycle: Perennial

Reproduction: By both seed and underground roots.

Distinguishing Characteristics:

- Shallow to deeply lobed and very reminiscent of dandelion leaves, however the leaf margins of perennial sow thistle contain numerous weak prickles which are not as course as Canada Thistle. The leaves of perennial sow thistle are usually narrower and less lobed than annual or spiny annual sow thistle. A milky white juice will appear when stem or leaf tissue is broken.
- Flower heads are bright yellow, and 2.5-4cm (1-1 1/2 in.) in diameter. The leaf tissue under the flower head is covered in glandular hairs. Perennial sow-thistle will usually flower from June to late autumn.



Common Perennial Sowthistle control options in Corn.

Table 1 - Visual control of perennial sow thistle using various post-emergent herbicides had been applied.

PRODUCT	TIMING	% CONTROL
Marksman (High Rate)	POST	94
atrazine (high rate) + 1% Corn Oil Concentrate	POST	92
PeakPlus	POST	83
Banvel II / Oracle (High Rate)	POST	83
Distinct	POST	81
Summit	POST	71
Callisto	POST	27



Source: Dr. Peter Sikkema, Ridgeway College, University of Guelph

* Rating: Based on a scale from 0 to 9. A rating of 0 represents 0 to 10% control of the weed and 9 represents 90 to 100% control.