

FIELD BINDWEED

Life Cycle: Perennial

Reproduction: By seed and by underground horizontal rootstocks.

Distinguishing Characteristics:

- Stems: Slender, smooth or very finely hairy, usually twining and climbing on nearby objects (see Figure 2).
- Cotyledons: Wide, almost square shaped (see Figure 1).
- Leaves: Alternate (1 per node). Arrowhead shaped with 2 basal lobes and smooth margins (see Figure 2).
- Flowers & Seed: Funnel shaped petals are whitish-pink and 2-2.5 cm in diameter when fully opened (see Figure 3).

Field Bindweed control options in Corn.

A glyphosate application made to field bindweed in the fall prior to corn planting will provide the best control of field bindweed. When fall applications cannot be accommodated, postemergence applications of Option + Distinct, Option + Peakplus and glyphosate (Roundup Ready corn only) have offered the best control of field bindweed in public research trials (Table 1).

Table 1 - Visual control of Field Bindweed using various herbicides applied post-emergent to field corn.

PRODUCT	TIMING	% CONTROL
Liberty	POST – “Liberty-Link” Corn only	0
Ultim + Callisto	POST	48
Ultim + PeakPlus	POST	51
Ultim + Distinct	POST	53
Liberty; Liberty	Split application – “Liberty-Link” Corn	58
Option + Callisto	POST	69
Option + Distinct	POST	81
Option + Peakplus	POST	84
glyphosate (2 L/ac)	POST – “Roundup Ready” Corn only	84
glyphosate (1 L/ac)	POST – “Roundup Ready” Corn only	84



Figure 1. Field bindweed at the seedling stage.



Figure 2. The leaf of field bindweed.



Figure 3. The flowers of field bindweed.