

Corn Inspections

Note: Check with your state agency and company protocols. Your standards may vary from those used by Illinois Crop.

Distance to other corn in feet	<u>Certified</u>	
	Min. # of border rows for seed fields 1-20 acres	Min. # of border rows for seed fields >20 acres
660	0	0
570	4	2
490	6	2
410	8	4
330	10	6
270	12	8
210	14	10
150	16	12
90	18	14
0 ¹	24 ²	16 ³

Foundation 660 feet

¹For zero distance & row widths < 30 inches

²Minimum of 60 ft including border rows

³Minimum of 40 ft including border rows

- 1) Land requirements: Seed fields shall not be planted on land that has grown corn of another color or endosperm type during the preceding season.
- 2) A seed field shall not be less than 660 feet from corn of a different color or texture (blue vs. yellow, dent vs. waxy). Isolation from corn of the same type and color shall be 660 feet with further reduction through the use of pollen parent "border rows" as specified in the isolation tables.

Isolation distance can also be reduced for white corn that will be optically sorted or sweet corn that will be physically sorted.

- 3) Border rows shall be directly adjacent to the seed field. The number of border rows shall be increased by one-half if a vacant strip (no more than 30 feet wide) is left for equipment passage.
- 4) Border rows shall have an average stand of at least one plant every 20 inches of row.
- 5) Border rows shall extend far enough along the side or sides of a seed field to provide adequate isolation.
- 6) Side by side (zero isolation distance) certified hybrid fields with different male parents shall each have the number border rows specified in the table.
- 7) More than one seed parent may be produced in a field if each portion meets the appropriate standards.
- 8) Where a field contains both classes of seed the foundation standard for shadders and off-types shall apply to the entire isolation zone of 660 feet.
- 9) A portion of a field may be approved for certification, provided that the remainder of the field is maintained or corrected to the ICIA's satisfaction.
- 10) Differential maturity dates may permit modifying isolation distances provided there are no receptive silks in the seed parent when pollen is being shed in the contaminating field(s). (AOSCA Genetic and Crop Standards, 2001)
- 11) Volunteer corn (with viable tassels) should be removed from surrounding soybean fields.

