

SOSGA
SEED FIELD ISOLATION DISTANCES

As part of the SOSGA Seed Quality Management Program these seed field isolation distances have been agreed upon by the voting members. Isolation distances are subject to review by the voting numbers (members) at two annual meetings of SOSGA. Members may modify the isolation distances by a majority vote.

CORN FAMILY – *Poaceae*

Corn – <i>Zea mays</i>	miles between
One group: Corn. Types: Dent, Flint, Flour, Popcorn, Sweet, Waxy	
Between any two corn varieties	1

GOOSEFOOT FAMILY – *Chenopodiaceae*

Beet – <i>Beta vulgaris</i>	
Four groups: Fodder, Sugar, Chard green leaf, Chard red leaf, Table.	
Between one O.P. and another of the same color and group	1
Between Hybrid of the same color and group	1
Between Hybrid and O.P. of the same color and group	2
Between different colors within a group	3
Between stock-seed and a Hybrid within a group	2
Between stock-seed and O.P. within a group	3
Between Hybrids of different groups	3
Between Hybrid and O.P. of different groups	4
Between GMO's and any other Beta species no closer than*	3
*Is excluded from exception to lessen this distance.	

Spinach – <i>Spinacia oleracea</i>	
One group: Spinach.	
Between any Hybrid, no matter male leaf type	2
Between O.P. of the same leaf shape type	1
Between O.P. of different leaf shape type	3
Between Hybrid and O.P. type	3

MUSTARD FAMILY – *Brassicaceae*

Fall Types – <i>Brassica oleracea</i>	miles between
Nine groups: Brussels Sprouts, Cabbage Red, Cabbage White, Cauliflower, Collards, Kale Red, Kale White, Kale Red/White Mix, Kohlrabi, Other.	
Between O.P. of the same color and group	1
Between O.P. of different color	2
Between O.P. cabbage and non-heading cultivars	3
Savoy, Kale, Brussels Sprouts, Collards and Cauliflower	
Between Hybrids and Hybrids and O.P. of the same color and group	1
Between Hybrids and O.P. of different colors or group	2
Between Hybrid cabbage and non-heading cultivars	3

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Spring Types – *Brassica rapa*

Three groups:

1 Spring Type – 10 chromosomes (Chinese Cabbage, Chinese Mustard, Choi Sum, Indian Mustard, Pak Choi, Turnip, Other).

2 Indian Mustard – 18 chromosomes (Chinese Mustard, Florida Broadleaf, Florida Broadleaf, Leaf Mustard, Red Mustard, Southern Giant Curled).

3 Other – (Arugula, Canola, White Mustard).

Special attention must be paid to crops where there is a very side range of phenotypes that can cross. If there is any doubt, check with other company representatives before pinning and planting.

Between 10 chromosome and 18 chromosome types Physical Separation

Between O.P. of the same group 1

Between O.P. of different groups 1.5

Between Hybrids or Hybrids and O.P. of same group and phenotype 2

Between Hybrids of different groups or phenotype 2.5

Between Hybrids and O.P. of different groups or phenotype 3

Radish – *Raphanus sativus*

Four groups: Green Stem, Red Root, White Stem, Other.

Types: Round Red, Round Red Forcing, Crimson Giant, Round Red White Tip, Half Long White Tip, Long Red, Icicle (and related forms), Round White, Purple, Black, Other

Daikon (assumed to be white rooting type unless specified), Daikon Sprouting, Daikon Red, Daikon Green.

Between O.P. varieties of same color and/or shape 1

Between Hybrids or Hybrid and O.P. of same color and/or shape 2

Between Hybrid and O.P. of different colors and or shape 2

Between Red globes or from White tip type 2

Between Long Red from any other Red type 3

Between Any Red from any other White type 3

ONION FAMILY – *Alliaceae*

Bunching Onion – *Allium fistulosum*

miles between

Another variety 1

Leek – *Allium ampeloprasum*

Another variety 2

Onion – *Allium cepa*

Two groups: Red, Yellow.

Between different color 3

Between same color but different shape (globe vs. flat) 2

Between same color and shape 2

Between same color, shape and type (yellow spanish vs. yellow spanish) 1

WINTER SQUASH FAMILY – *Cucurbitaceae*

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Winter Squash – <i>Cucurbita pepo</i> , <i>C. maxima</i> , <i>C. mixta</i> , <i>C. moshchata</i>	
Between Similar types, shape and color	1
Between Same or Different species	1
Between another Hybrid of similar variety	1
Between Hybrid and O.P. of similar type and shape	1.5
Between Hybrid or O.P. of different type, shape or color	2

