

Columbia Basin Vegetable Seed Field Representatives Association

## **2016 - ISOLATING SEED FIELDS IN THE COLUMBIA BASIN of WASHINGTON**

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January 22, 2016



**Columbia Basin Vegetable Seed Field Representatives Association:  
PROCEDURES and CONSIDERATIONS for ISOLATING SEED FIELDS  
in the COLUMBIA BASIN of WASHINGTON**

**SUCCESSFUL PINNING:** The success of the field isolation program depends absolutely upon the cooperation and communication among all seed companies and seed growers operating here. Although the program operates largely on a “first-pinned, first-priority” basis, this still obligates the company with “priority” to negotiate with other companies wherever and whenever possible to place crops in the best interests of the growers and the seed companies operating in the Columbia Basin of Washington. Upon cancellation of an intended production prior to planting, pins must be removed or “pulled” immediately (within seven days).

**ISOLATION DISTANCES:** Isolation standards are subject to review by seed companies at the annual meeting of the Columbia Basin Vegetable Seed Field Representatives Association (CBVSFRA) in January. Representatives of companies and farms placing seed crops here are members of the Association, and may modify the standards by a majority vote.

**PRODUCTION AREA:** The seed isolation area includes fields within the Columbia Basin Irrigation Project, and fields in the surrounding areas within Grant, Adams, Benton, Franklin, and Lincoln Counties. This area may be modified by the CBVSFRA members. Seed field isolation maps are maintained at the WSU Grant-Adams Extension office in Moses Lake, WA. However, all participating companies should maintain their own field isolation map for each production year.

**RELEASES:** Prior to participating in the field reservation system, companies must present a release at the pinning meeting or prior to the pinning meeting, at the Grant-Adams extension office which includes:

Crop and type  
Year of production  
Number of seed fields or acreage planned for production in the Columbia Basin

All releases are confidential and no record information on releases (aside from the crop) is maintained by the extension office. Only one pin is allowed for each intended planting (i.e. multiple locations are not to be pinned for one intended seed crop, and then pulled later).

**PINNING PROCEDURES:**

1. Seed fields are reserved initially on a drawing or lottery basis at “pinning” meetings held in Moses Lake, WA. The pinning meeting dates for annuals, biennials, onion seed, carrot seed, and sugarbeet seed are announced at the annual

Columbia Basin Vegetable Seed Field Representatives Association Meeting in January. At the pinning meetings, each seed field representative is allowed to pin two fields at a time. Pinning rotates in this fashion until all pins have been placed. After the pinning meeting, fields may be reserved by emailing (cwohle@wsu.edu) or phone communications with the WSU Grant-Adams Area Extension office, (509) 754-2011 ext. 4313.

2. Each person or company who participates in the field reservation system is asked to pay an annual service fee to the Extension office. The fee of \$25.00 should be submitted in a check payable to WSU Grant/Adams Area Extension.
3. The following types of seed crops should be pinned: carrots, parsley, coriander, radish (in restricted locations), Daikon (in restricted locations), canola and other oilseed types, collard, kale, turnip, kohlrabi, mustard, arugula, cabbage, onions, chives, leeks, beets, sugarbeets, and sunflowers.
4. The following information is needed to pin a seed field: crop (ex. onion seed); group (hybrid or OP); type including color and/or shape when applicable (ex. Yellow Globe); and GMO designated when applicable; location (block and unit locations in the irrigation district are preferred, but GPS coordinates or township/range/section-quarter) can also be used); size of field.
5. Pins should be removed immediately upon cancellation of an intended planting.

**OFF-TYPE ROUGEING:** Companies have the responsibility to rogue all seed fields to remove wild or off-type plants to a minimum of 1% each growing season.

**MEMBERSHIPS:** Seed company field representatives are expected to encourage contracted seed growers to participate as members of the Columbia Basin Vegetable Seed Association (CBVSA) and to participate with their own company as members.

**VOLUNTEER CONTROL PROGRAM:** The Columbia Basin Vegetable Seed Field Representatives Association operates a volunteer seed plant control program aimed primarily at elimination of volunteer or wild carrot plants. (Wild carrot or Queen Anne's Lace is not established in the Columbia Basin) Costs associated with this program are borne by the seed companies growing the crop in the Columbia Basin. A volunteer control coordinator is elected biannually by field representatives to help manage the program.

**SEED SCREENING AGREEMENT:** All seed companies operating in the Columbia Basin are expected and required to provide a statement to the Washington State Department of Agriculture regarding the disposition of seed screening and unwanted or unmerchantable seed and seed crops (see attached). This statement is required to allow continuance of several special local needs pesticide labels granted by the WSDA and for the granting of new regulations.

**QUARANTINE:** A white-rot quarantine for all alliums is in effect for Grant, Adams, Benton, and Franklin counties which restricts movement of vegetative propagating material into the area (see WAC 16-470-320).

**RADISH SEED PRODUCTION AREAS:** In accordance with agreements by members of the Columbia Basin Vegetable Seed Field Representatives Association, radish seed production areas have been established. The areas are described on a separate sheet.

January 22, 2016



## 2016 COLUMBIA BASIN SEED FIELD ISOLATION DATES

With a valid “release” seed company representatives and seed crop growers may reserve fields for seed production upon or after the following dates:

Annuals	February 1st
Onions and other Biennials <u>grown from seed only</u>	March 1st
Carrots from seed or stecklings and Onions from bulbs	June 1st
Sugarbeets	October 3rd

1. These dates for reserving seed fields are as per agreement at the January 22<sup>nd</sup> meeting of the Columbia Basin Vegetable Seed Field Representatives Association.
2. A release should include the crop and crop year for placement in the Columbia Basin production area and either the number of fields or number of acres. Releases should be submitted to the WSU Grant/Adams Extension prior to or at the pinning meeting. Releases are confidential.
3. Each person or company who participates in the field reservation system is asked to pay an annual service fee to the Extension office. The fee of \$25.00 should be submitted in a check payable to WSU Grant/Adams Area Extension. Include your e-mail address if you wish to receive emailed notifications about pins that have been placed.
4. Carryover onion crops may be repinned with priority between February 1 and March 1, after which priority is lost.

January 22, 2016





# COLUMBIA BASIN SEED FIELD ISOLATION STANDARDS\*

All genetically modified crops will be designated as GMO

## CARROT FAMILY (Apiaceae)

**CARROT** (Pinned by Group and Type)

Groups: Hybrid and Open Pollinated

Types: Chantenay (Danvers, Red Cored, Royal, etc.)  
American Market (Imperator, etc.)  
Early (Amsterdam, Baby Carrot, etc.)  
Medium (Nantes, etc.)  
Late (Flakkee, Berlicum, etc.)  
Round and Odd Shapes (Paris Forcing, etc.)  
Oriental (Usually short Chantenay shape)

Distance: Between Hybrids ..... 2 miles  
Between Hybrids and Open Pollinated ..... 2 miles ▲  
Between Types within Groups ..... 1 mile  
Between Varieties of same Type ..... ½ mile  
Between same Varieties for different companies ..... ¼ mile

Off-color carrots should be grown outside main production area and pinned by color with a minimum isolation distance of 5 miles from other colors.

▲ Note: A 3 mile isolation will be permitted between Hybrid and Open Pollinated carrots where requested.

**PARSLEY** Between all types and varieties ..... 1 mile

**CORIANDER** (cilantro or Chinese parsley) Between all types and varieties ..... 1 mile

## MUSTARD FAMILY (Brassicaceae)

**RADISH** (Pinned by Group and/or Type...Understood to be O.P. unless otherwise noted)

Groups: Hybrid and Open Pollinated

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

Distance: Between Hybrid and Open Pollinated ..... 2 miles  
Between any red Type and any white Type ..... 2 miles  
Between any round white, Icicle Type, purple, black or any Daikon Types and any other radish ..... 2 miles  
Between Round Red, Crimson Giant, Long Red, round Red White Tip and Half Long White Tip ..... 1 mile

Between Daikon, Sprouting and any other Daikon of same color .....	1 mile
Between Round Red and Round Red Forcing .....	½ mile
Between Round Red varieties .....	½ mile
(unless negotiated between companies)	

## RAPSEED

**Canola and other Oilseed types**.....3 miles

**Genetically modified Canola and other Oilseed types will be designated as GMO**

## OTHER BRASSICAS (Pinned by crop name and chromosome number)

All Groups or Types ..... 2 miles

## ONION FAMILY (Alliaceae)

### ONION (Pinned by Group and Type)

#### (*Allium cepa*)

Groups: Hybrid and Open Pollinated

Hybrid: (Should be posted as male parent)

From Hybrid or O.P. of different color ..... 3 miles

From Hybrid or O.P. of same color, but different shape ..... 2 miles  
(i.e. Globe vs. Flat)

From O.P. of same color and shape ..... 2 miles

From Hybrid of same color, but different shape..... 2 miles

From Hybrid of same color, shape and Type..... 1 mile  
(i.e. Yellow Spanish vs. Yellow Spanish)

From *Allium fistulosum*, Chives, or Leek..... None

Open Pollinated

From Hybrid or O.P. of different color or shape ..... 3 miles

From O.P. of same color, but different shape ..... 2 miles  
(i.e. Yellow Globe vs. Yellow Ebenezer)

From Hybrid of same color and shape ..... 2 miles

From O.P. of same color, but different Type..... 1½ miles  
(i.e. Yellow Spanish vs. Yellow Globe)

From O.P. of same color, Type, and shape ..... 1 mile  
(i.e. Yellow Spanish vs. Yellow Spanish)

From *Allium fistulosum*, Chives, or Leek..... None

#### (*Allium fistulosum*)

Open Pollinated:

From *Allium cepa*, Chives or Leek ..... None

From another variety of *Allium fistulosum*..... 1 mile  
(i.e. Tokyo Long White vs. He-Shi-Ko)

Hybrid

From any O.P. or Hybrid *A. fistulosum* ..... 2 miles

#### (*Allium cepa-fistulosum* cross) CFC tetraploid double chromosome

Open Pollinated:

From *Allium cepa* or *Allium fistulosum* of the same color ..... None

From *Allium cepa* or *Allium fistulosum* of a different color ..... None

From another variety of CFC of the same color..... 1 mile

From another variety of CFC of a different color..... 3 miles

## CHIVES

From *Allium cepa*, *Allium fistulosum*, or Leek..... None

From another variety of Chives ..... 1 mile

**LEEK**

From *Allium cepa*, *Allium fistulosum*, Chives ..... None  
From another variety of Leek ..... 1 mile

**GOOSEFOOT FAMILY (Chenopodiaceae)**

**BEETS**

Between all Beets of different color, Swiss Chard and Mangels ..... 4 miles

From GMO to Non-GMO Sugar Beets.....3 miles

Sugar Beet Types:

    Diploid

    Tetraploid

From Sugar Beets of the same or different type.....2 miles

**Genetically modified Sugar Beets will be designated as GMO**

**SUNFLOWER FAMILY (Asteraceae)**

**ALL TYPES**

All Sunflower Types: ..... 2 miles

**\*Standards as of June 1, 2012 as agreed upon by the Columbia Basin Vegetable Seed Field Representatives Association**

*Revised: 06/2012*



## **COLUMBIA BASIN**

### **VEGETABLE SEED VOLUNTEER MANAGEMENT AREAS**

#### **SOUTH BASIN** – *Harris Moran Seed*

All areas lying south of the Adams-Franklin County line.

#### **OTHELLO/ROYAL SLOPE** – *Sakata Seed*

From Franklin-Adams County line north to Grant County line (Providence Road) west to Block 80 including that portion on the North side of Road 7 SW and West on North side of Block 81 and all of Royal Slope.

#### **NORTHEAST BASIN** – *Seminis Vegetable Seed*

From Grant-Adams County line (Providence Road) north to Moses Lake-Wheeler Road, and west to Moses Lake.

#### **NORTHWEST BASIN** – *Kapa Seed, Quincy Farm Chemicals*

From the North boundary of the Othello/Royal Slope area north and east to Moses Lake.

**NOTE:** The Stratford area (from the Moses Lake-Wheeler Road northward) and the Mattawa area are not included in any volunteer management area at present. Seed companies in these areas are responsible for volunteer management.



## **COLUMBIA BASIN RADISH SEED PRODUCTION AREAS**

In accordance with agreements by members of the Columbia Basin Vegetable Seed Field Representatives Association, the following production areas are recognized:

### **Round red radish ONLY**

All of Blocks 70, 701, 73, 74, 75, 76 and 741 as well as those portions of Blocks 71 and 72 north of state highway 283 are set aside for round red radish seed production. An exception exists for a small area in Block 72 to allow continued daikon seed production on units 232 and 341.

### **Daikon and white icicle radish-free areas**

The following areas are identified for radish seed production other than daikon or white icicle types:

Blocks 11, 77, 78 and 79.

All of block 18 lying east of the intersection of Booker Road and state highway 17 and the intersection of state highway 17 and federal highway 395.

All of Blocks 45 and 46 between state highway 26 in the south and Providence Road in the north. A one mile buffer zone exists on either side of state highway 26 and Providence Road, inside which all companies must negotiate before planting.

All of Block 47 east of Booker Road and south Hatton Road.

**ALL OTHER AREAS OF THE COLUMBIA BASIN PROJECT ARE OPEN TO ALL TYPES OF RADISH SEED PRODUCTION.**

January 22, 2016





**MEMORANDUM**

**TO:** Washington State Department of Agriculture, Pesticide Management  
Division, P.O. Box 42560, Olympia, WA 98504-2560

**FROM:** \_\_\_\_\_  
Seed Company

**DATE:** \_\_\_\_\_

**SUBJECT:** Disposition of Vegetable Seed Screenings, Nonmerchantable Seed and  
Unwanted Seed Crops\*

It is the practice of \_\_\_\_\_ to dispose of all  
Company Name and Address

Washington-produced vegetable seed screenings by placement in an approved landfill, whether conditioned in Washington or elsewhere. In addition, any nonmerchantable seed is disposed of in the same manner and not permitted to enter any food or feed channels; that is, utilized for the purpose of seed for crop reproduction only.

If, in the rare instance a seed crop is determined to be unmerchantable while still growing, the crop is destroyed through tillage. Contract growers are supervised in this practice by a seed company representative. In no situation is the seed crop released to a contracted grower for disposal. In addition, livestock are not permitted to graze or be fed aftermath of any Washington vegetable seed crop.

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

\* This agreement does not include seed of peas, beans, or corn.

January 22, 2016