





Seed life cycle regulatory connections

 Current regulations, standards and policies

 Players involved



1

New seed variety is developed

-  Authorization of plants with novel traits; Part V, *Seeds Regulations*; *Plant Breeders' Rights Act*
-  CFIA-Plant Biosafety Office; CFIA-Plant Breeders' Rights Office; trait developers; Plant Breeders; CropLife



2

Variety registration

-  Part III, *Seeds Regulations* Variety registration
-  CFIA-Variety Registration Office; Plant Breeders



3

Seed certification-breeder seed is multiplied and recognized

-  Circular 6 (CSGA); Recognition of Plant Breeders and of Breeder Seed
-  CSGA; Plant Breeders; seed companies; Seed Growers



4

Seed crop certification-crop inspection and crop certificate

-  Circular 6 (CSGA); CSGA Standard Operating Procedures- Issuance of Certificate
-  CSGA; Seed Growers (including select growers)



5

Seed is harvested, cleaned and conditioned

-  Part IV, *Seeds Regulations*; Registration of Establishments; CSI Registered Seed Establishment (RSE) standard; CSI RSE TECH Manual
-  CFIA; CSI; approved conditioners



6

Seed is sampled, tested and graded

-  Seed Grade Tables; *Weeds Seed Order*; Canadian Methods and Procedures
-  CFIA; CSI; accredited graders; accredited seed labs; CSAAC; accredited seed analysts



7

Seed is certified and labelled

-  Part I, *Seeds Regulations* Packaging and Labelling
-  CFIA; CSI; approved conditioners; bulk storage facilities

8

Seed is sold to farmers, exported or imported

-  Part I, *Seeds Regulations* Advertising; Seed Importation; Seed Exportation; Seed Exportation-CPCPS Program
-  CFIA; CSI; CSTA; seed distributors; seed dealers/retailers; authorized importers; approved conditioners; bulk storage facilities; CPCPS Facilities

Foundational International Frameworks

AASCO- Association of American Seed Control Officials
 AOSCA- Association of Official Seed Certifying Agencies
 ISTA- International Seed Testing Association
 OECD- Organisation for Economic Co-operation and Development

AOSA- Association of Official Seed Analysts
 IPPC- International Plant Protection Convention
 NAPPO- North American Plant Protection Organization