

EPA Oilseed Crop Sub-Group 20A (Rapeseed)

- Used to extend pesticide tolerances from representative crops to closely related crops *without having to conduct additional research*
- Related = similar structure, form, cultural practices, edible portions, growing seasons, and potential for pesticide residues
- **Subgroup 20A includes:**
 - Rapeseed
 - Canola
 - Calendula
 - Cottonseed
 - Crambe
 - Cuphea
 - Flax seed
 - Gold-of-pleasure (**camelina**)
 - Milkweed
 - Mustardseed
 - Safflower
 - Sesame
 - Sunflower
 - And others . . .

Herbicide carryover considerations

- Winter oilseeds will be planted within 3-5 months of herbicide application
- *Canola rotation restrictions on label as a surrogate*
- Group 2 (ALS-inhibitors, e.g. Pursuit, FirstRate) – *9 to 40 months*
 - **Except: thifensulfuron (2 mo.), tribenuron (2), triasulfuron (4),**
- Group 3 (microtubule inhibitors, e.g. Treflan) – pendimethalin (NCS)
- **Group 4 (Synthetic auxins, e.g., 2,4-D) – dicamba (4 mo.)**
- Group 5 (Photosystem II inhibitors, e.g. Atrazine) – *18 months to 2 CS*
- **Group 6 (Photosystem II inhibitors, e.g. Buctril, Basagran) – <1 month**
- Group 14 (PPO inhibitors, e.g. Valor, Authority) – *6 to 24 months*
 - **Except saflufenacil (4 months at 1 oz/ac), lactofen (NR), acifluorfen (3), carfentrazone-ethyl (0), fluthiacet (NR)**
- Group 15 (Very long chain fatty acid inhibitors, e.g. Dual, Harness) – *12 months or NCS*
 - Except dimethenamid (4-6)
- Group 27 (HPPD-inhibitors, e.g. Callisto, Balance) – *9 to 18 months*

Label-allowed herbicide list is short!

In-crop weed management

- No cultivation (narrow rows)
- Herbicide active ingredients labeled for Camelina
 - Not all products with these active ingredients are labeled
 - Look for “gold-of-pleasure” being listed before using
- Trifluralin (PPI)
- Ethalfluralin (PPI)
- Clomazone (PRE)
- Carfentrazone (preplant burndown)
- Glyphosate (PRE)
- Clethodim (POST)
- Sethoxydim (POST)
- Quizalifop (POST)

Herbicide products that have Gold-of-Pleasure or camelina on label, Fall 2023 search

Preplant Burndown

- Carfentrazone
 - Aim
 - Antik EC
 - Longbow EC
- Glyphosate (also PRE)
 - Cornerstone
 - Credit 5.4 Extra
 - Credit 41 Extra
 - Credit Xtreme
 - GlyStar K-Plus
 - Honcho
 - PowerMax 3
- Caprylic and Capric Acid
 - HomePlate
 - FireWorxx
- Pyraflufen
 - Vida

Preplant Incorporated (PPI)

- Trifluralin
 - Agri Star Trifluralin
 - Treflan TR-10
- Ethalfluralin
 - Sonalan HFP

Preemergence (PRE)

- Clomazone
 - Caravel
- Glyphosate (see Preplant Burndown)

Herbicide products that have Gold-of-Pleasure or camelina on label, Fall 2023 search

Postemergence (POST)

- Clethodim (70 d PHI)
 - Arrow 2EC
 - Avatar
 - Avatar S2
 - Ceridian
 - Clethodim 2E
 - Tide USA Clethodim 2EC
 - Willowood Clethodim 2EC

Postemergence (POST)

- Quizalifop (60 d PHI)
 - Assure II
 - Targa
- Sethoxydim (60 d PHI)
 - Poast

Herbicide products that have Gold-of-Pleasure or camelina on label, Fall 2023 search

Hooded Sprayer or Directed

- Carfentrazone
 - Aim
 - Longbow EC
- Glyphosate
 - All listed under Preplant Burndown
- Caprylic and Capric acid
 - Fireworxx
 - HomePlate

Harvest Aid or Defoliant

- Carfentrazone
 - All previously listed
- Glyphosate
 - All previously listed
- Pyraflufen
 - ET
 - ET X
- Saflufenacil (not for seed)
 - Sharpen
- Caprylic acid and Capric acid
 - Fireworxx
 - HomePlate