

Replant Intervals for Soybean, Wheat, and Tobacco Herbicides

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Soybean Herbicides

Preemergence

- Prowl
- Squadron
- Scepter
- Pursuit
- Reflex

Postemergence

- Cobra pre + post
- Poast
- Select
- Gramoxone
- Roundup

Prowl

- 4 months: winter wheat/barley (unless using 4.8 pt)
- 12 month + plow to a 12" depth to mix soil:
Sugar beet, red beet, spinach
- 12 month: All crops

Squadron

- **Immediately: Soybean**
- **4 months: Wheat**
- **9.5 months: Field corn**
- **11 months: Bean, sorghum, oat, peanut**
- **Next spring: Rice**
- **18 months: Other crops**
- **40 months: Sugar beet, red beet**

Scepter

- **Immediately: Soybean**
- **3 months: Wheat**
- **9.5 months: Field corn**
- **11 months: Barley, bean, sorghum, oat, peanut**
- **Next spring: Rice**
- **18 months: Other crops**
- **40 months: Sugar beet, red beet**

Pursuit

- **Immediately:** Lima bean, soybean, southern pea, peanut, IR-corn
- **4 months:** Alfalfa, rye, wheat, other bean and pea
- **9.5 months:** Barley, tobacco, field corn (for seed)
- **18 months:** Cotton, oat, safflower, sunflower, lettuce, popcorn, sorghum, sweet corn
- **26 months:** Potato
- **40 months:** All other crops

Reflex

- **4 months: Wheat, barley, rye**
- **10 months: Beans, corn, cotton, peanut, pea, rice**
- **12 months: Popcorn**
- **18 months: Alfalfa, sunflower, sugar beet, sorghum, other crops**

Cobra

- A non-selective contact herbicide for control of many broadleaves and grasses.
- Do not apply to soils with $>3.5\%$ OM
- Do not apply more than 25 fl.oz. / A per season
- Do not apply less than 45 days from harvest

Wheat Herbicides

Preemergence

- **Maverick**
- **Harmony**

Maverick

- **Wheat: Any time**

High pH and cold soil favor injury

| | <u>pH</u> | <u>Rain</u> | <u>Months</u> |
|-------------|-----------|-------------|---------------|
| Soybean-STS | < 6.5 | 30 | 2 |
| Soybean | < 6.5 | 30 | 5 |
| Soybean | < 7.5 | 24 | 12 |

Areas with higher pH or lesser rain must have a field bioassay

Other crops: only after a field bioassay and no sooner than 3 months

Harmony

- **Any time: Wheat, barley, oat, soybean, field corn**
- **45 days: All other crops**

Tobacco Herbicides

Preemergence

- Command
- Devrinol
- Spartan
- Prowl

Postemergence

- Poast

Command

Factors that increase injury

- Over application: worn nozzle, overlapping, failing to shut off boom, slowing or stopping sprayer
- $\text{pH} \leq 5.9$
- Extreme dryness in the 4 months following application
- Choice of rotational hybrid

Command – 1 1/3 pt/A rate

- **Anytime: Transplanted Cabbage, cotton, pea, pepper, pumpkin, rice, soybean, squash, sweet potato, tobacco**
- **9 months: Corn, cucurbits, dry bean, peanut, potato, sorghum, sugar beet, Transplanted tomato**
- **12 months: All crops**

Devrinol

- **Fall of same year: Small grains for cover crops, if using 2-4 lb, surface applied. Destroy or plow under cover crop**
- **12 months: All other crops**

Spartan

- **Anytime: Soybean, tobacco**
- **4 months: Wheat, barley, rye, oat**
- **10 months: Corn (silage, popcorn, seed), rice, sorghum**
- **12 months: Other cereal grains, alfalfa, dry bean, sunflower, sweet potato**
- **18 months: Cotton, sweet corn**
- **24 months: Canola, sugar beet**

Other Herbicides



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Aim

- Label Information: Root and vegetable crops may be planted 30 days after application. All other crops – 12 months after application.
- Other Information: low soil persistence. Rapidly degraded by soil bacteria. Half-life about 0.1 days.

Outlook

- Label information: 12 months after application, no crop restrictions.
- Other Information: Half-life is 20 days. Residues from spring-applied treatments do not injure fall-seeded cereal crops and do not injure other crops planted the following season.

Basagran

- Label information: None Specified.
- Other Information: average half-life is 20 days. Residue decline to undetectable levels within 6 wks. Bentazon has little to no soil residual activity.

2,4-D

- Label information: None Specified.
- Other Source: Average persistence of phytotoxicity is generally 1-4 wk in warm, moist soil. Average half-life is 10 days.

Lasso, Micro-Tech

- Label information: None Specified.
- Other Source: Average half-life is 21 days.
Alachlor generally provides 6-10 wk of weed control, but this varies with soil type and weather conditions.
- Residues do not persist long enough to injure crops the following season.

Eradicane

- Label information: None Specified.
- Other Source: Average half-life is 6 days.
EPTC usually provides 4-6 wk of weed control.
- Residues do not injure susceptible crops planted the following season.