

TECHNICAL RECOMMENDATIONS FOR RENOVATION OF EXISTING CRP STANDS

INTRODUCTION:

Successful renovation of CRP grass stands will depend on good management practices aimed at conserving moisture and surface residue while allowing proper seed placement. Spraying Roundup Ultra[®] to kill existing perennial grasses is a critical step to prevent established grasses from choking out new grass seedlings. A Roundup Ultra herbicide application allows you to start with a firm, moist, weed-free seedbed which is critical for establishment of new grass seeding. A firm seedbed will allow accurate seed placement providing quick and complete emergence.

RECOMMENDATIONS:

Tillage Alone

Using tillage alone is not recommended. Research conducted in Montana has shown that in order to obtain an acceptable seedbed multiple tillage's (up to 5 or more) are required. This practice destroys existing surface residue and seedbed moisture resulting in a poor seedbed with uneven stand establishment.

Spring Renovation / Spring Seeding (High Risk)

NO-TILL

Apply 32-48 oz/A Roundup Ultra and allow existing vegetation to die completely before seeding. Instead of seeding into large amounts of green, still-decaying vegetation, wait a period of 10-14 days to help reduce the risk of disease development.

Reduced-Till

Apply 24-32 oz/A of Roundup Ultra, then wait at least 7 days before conducting any tillage operations. Utilizing Roundup Ultra prior to tillage will help reduce large clods in the field and the number of tillages to prepare a proper seedbed.

Evaluate Moisture Levels

Measure moisture levels with a soil probe to determine whether a spring seeding can be established. Consider summer fallowing fields that do not have sufficient stored soil moisture.

Spring Renovation / Summer fallow (Low Risk)

No-Till

Apply 24-32 oz/A Roundup Ultra on CRP acres that will be summer fallowed after sufficient regrowth (i.e. at least 6 inches) has occurred in the spring. To control later emerging annual weeds and CRP grass regrowth, follow with an application of 44 oz/A Fallow Master[®] (or comparable tank-mixes of Roundup Ultra plus 2,4-D or Banvel[™]).

Seed in fall or following spring.

Reduced-Till

Apply 24-32 oz/A Roundup Ultra on CRP acres that will be summer fallowed after sufficient regrowth (i.e. at least 6 inches) has occurred in the spring. Control later emerging weeds and CRP grass regrowth with tillage as needed. Seed in fall or following spring.

APPLICATION INFORMATION

Evaluate Residue

If surface residue is heavy enough to interfere with seeding or spraying, it must be managed first. Consider mowing, grazing or burning in the fall, winter, or very early spring before applying Roundup Ultra. *NOTE: The above recommendation may not be necessary after a fallow season when seeding with an air drill.*

Control Grass Species: Wheatgrass

Field-proven research shows that wheatgrass stands are best controlled with early spring applications. Allow at least 6 inches of new growth to occur in the spring before applying Roundup Ultra. This timing provides excellent control of perennial grasses in the CRP stands and emerged annual weeds.

Rates

Apply treatments of Roundup Ultra at 5-10 gallons of water per acre. The addition of 1-2 percent dry ammonium sulfate by weight, or 8.5 to 17 pounds per 100 gallons of water, may improve the performance of Roundup Ultra when spraying with hard water or stress conditions.

Roundup Ultra is a registered trademark of Monsanto Company. Always read and follow label directions. TMBanvel and Fallow Master are trademarks of Sandoz, Inc.



**Worked four times and fall seeded.
Poor seed bed with little moisture.**



**Fall no-till seeded after chemical
summer fallow with excellent moisture.**



**Burning old stands destroys organic
matter and leaves field open to erosion.**



**CRP after one pass with a disc.
Poor grass control.**