

Roundup Ready® Alfalfa Demonstration Plots



Sprayed with Poast Plus and Pursuit



RRA Sprayed with Roundup®



No Weed Control

Plots sprayed with Poast Plus for grasses and Pursuit for broadleaves at 3-4 cotyledon stage. Insecticide included in herbicide application for PLH. In a cool/wet Mid-West spring like 2017, the weeds are well established before alfalfa can be sprayed so herbicides stunt weeds but don't take them all out. Herbicides also cause crop injury to the alfalfa resulting in yellow plants, stunting and reduced yield and quality. Chemical costs much higher than Roundup® applications. Two cuts of beef quality forage in seeding year.

Plots sprayed with Roundup® herbicide at labeled rate with no crop injury. Insecticide include in Roundup® herbicide application for PLH control. All weeds controlled for healthy, clean alfalfa establishment. Three cuts of dairy quality forage in seeding year.

No weed control. Tremendous competition for nutrients. Alfalfa plants yellow and stunted from PLH pressure. Harvest will eliminate some of the broadleaves but grasses and low canopy broadleaves will continue to create competitive yield, quality and stand loss.



Companion Crop of Oats to Grain

Companion crop of oats seeded at 1 bushel/acre. Oats tend to get blown down by thunderstorms, smothering the alfalfa in the seeding year. Oats create extensive competition with alfalfa for nutrients/water. Potato leafhoppers feed on alfalfa until grain is harvested resulting in alfalfa yellowing, stunting and disease susceptibility.



Companion Crop of Oats Harvested at Boot Stage

Companion crop of oats seeded at 1 bushel/acre. Oatlage harvested at boot stage. Field sprayed with Roundup® herbicide at labeled rate after harvest. Production method to get quick forage seeding year. Some producers seed oats on highly erodible areas of field before seeding alfalfa. When field is sprayed with Roundup® herbicide at establishment, oats taken out and soil erosion avoided.

All the same Roundup Ready® alfalfa variety, planted side by side. Photos taken on 6/21/2017. Direct seeded at 18 lbs/acre on 4/24/17 at West Salem, WI

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Companion Crop of Oats Harvested at Boot Stage

Oats
Boot Cut

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Legal

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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate. Glyphosate herbicides will kill crops that are not tolerant to glyphosate.

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