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## Harvest Aid Herbicides for Winter Wheat

The herbicides shown in Table 1 are labeled for use as harvest-aid treatments in winter wheat. These herbicides cannot be used before the hard dough stage of wheat (30% grain moisture or less). Keep in mind that it is likely that weed growth in wheat at that time likely be over 1 foot tall when wheat is in the hard dough stage. In addition, because weeds will be large, it will take 5 to 15 days for herbicides to desiccate the weeds. Therefore we recommend the use of full labeled rates and tankmixes to increase the chance of success on large weeds. Labeled tankmix partners for harvest aid treatments in wheat include 2,4-D + glyphosate, 2,4-D + Clarity, and Clarity + glyphosate. If soybean will be double-cropped after wheat harvest, it would be advisable to avoid use of 2,4-D and Banvel/Clarity because of the required recropping interval.

Table 1. Herbicides labeled for use as winter wheat harvest-aid treatment

<i><b>Herbicide and formulation</b></i>	<i><b>Formulated product rate</b></i>	<i><b>Weeds controlled</b></i>	<i><b>Application method and precautions</b></i>
2,4-D amine or ester	Amine 1.5 lb ai/A Ester 0.5 to 1 lb ai/A	Suppression of wild garlic, wild onion,	Apply when wheat is in the hard dough (30% or and broadleaf weeds less grain moisture) stage. Ester formulation may be more active on garlic. Underseeded legumes will be severely injured. Do not graze within 2 weeks after application. Do not use treated straw for livestock feed. If the 0.5 lb ai/A rate is used, do not plant soybean for 7 (ester) or 15 days (amine) after planting. If the 1 lb ai /A rate is used, do not plant soybean for 30 days after application.

For Free Herbicide Labels

[www.cdms.net](http://www.cdms.net)  
and  
[www.greenbook.net](http://www.greenbook.net)

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Glyphosate (Roundup and other formulations)	16 to 32 oz/A the 3 lb acid equivalent formulation, 11 to 22 oz/A of Roundup Weathermax	Suppression of grass and broadleaf weeds	Apply when small grains are in the hard dough stage. Do not apply to wheat grown for seed. Stubble can be grazed immediately after harvest.
Clarity	8 oz/A	Suppression of broadleaf weeds	Apply when wheat is in the hard dough stage and green color is gone from stem. A waiting period of 10 to 14 days is required before harvest. Do not graze or use feed from treated area. Do not plant soybean for 14 days after application.
Weedmaster/Brash	2 pints/A	Suppression of broadleaf weeds	Apply when wheat is in the hard dough stage and green color is gone from stem. Apply at least 7 days before harvest. Do not use treated wheat for seed unless a germination test is performed on the seed.

Information listed here is based on research and outreach Extension programming at Purdue University and elsewhere. The use of trade names is for clarity to readers of this publication and does not imply endorsement of a particular brand nor does exclusion imply non-approval. Always consult herbicide labels for the most current and up-to-date precautions and restrictions. Copies, reproductions, or transcriptions of this document or its information must bear the statement "Produced and prepared by Purdue University Extension Weed Science" unless approval is given by the author.