University of California
Agriculture and Natural Resources
Cooperative Extension

HERBICIDE MANAGEMENT DEMONSTRATION TRIAL IN WHEAT

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Treatment Date: February 14, 2018

Weed present: Annual bluegrass, common henbit, scarlet pimpernel, shepherd's purse

Plot Size: 5 ft by 20 ft

Objective:

1. To test the efficacy and crop safety of herbicides applied alone or in tank mix for the control of grasses and broadleaf weeds in wheat
2. To test the efficacy and crop safety of Osprey extra a new herbicide in process of being registered in California

TRT NO.	TREATMENT	RATE
1	Untreated Check	-
2	Osprey	2.4 oz/a
3	Osprey	4.75 oz/a
4	Osprey extra	2.4 oz/a
5	Osprey extra	4.75 oz/a
6	Express	0.5 oz/a
7	Express	0.5 oz/a
	Axial	16.4 fl oz/a
8	Express	0.5 oz/a
	Axial	16.4 fl oz/a
	MCPA	1 pt/a
9	Express	0.25 oz/a
	Shark	2 fl oz/a
10	Shark	2 fl oz/a

- All the treatment tested provided good control of the weeds present in the trial site.
- Common henbit is a particularly difficult to control weed, but almost all treatments tested were able to suppress its grow.
- Cold weather after spray may have reduced ALS inhibitor herbicide efficacy
- All treatments were safe to wheat