

Study Name: Wild oat control with Paramount tankmixes

Study Number: 9924

Objectives: Evaluate wild oat control with grass herbicides alone and tankmixed with Paramount

Results: The field was prepared in a conventional-till system and fertilized with urea. Due to the wet conditions in May, we could not seed this field until June 3. The wild oat population was heavy during the month of May, but we could not take advantage of it. Once we worked the ground and seeded, the weather turned dry and we didn't get another big flush of wild oat like we had hoped. We ended up with a low population of wild oat (1/ft²). As with our other wheat plots, hail and wind in July severely damaged the wheat.

Paramount did not control the wild oat. All other treatments effectively controlled the wild oat, except for the Paramount + Assert combination. The lower control was fairly consistent among the reps. Wild oat control with Assert alone was excellent. The Achieve alone treatment must not have been applied as the reps had as much wild oat as the untreated check. Wild oat control with Achieve + Paramount was excellent.

Table. Wild oat control with Paramount tankmixes

Treatment	Rate	Sep 10 Wild oat % control
Untreated		0
Paramount + MSO	0.14 lb ai + 24 fl oz	0
Paramount + MSO	0.188 lb ai + 24 fl oz	0
Paramount + MSO + Assert	0.14 lb ai + 24 fl oz + 0.31 lb ai	77
Paramount + MSO + Assert	0.188 lb ai + 24 fl oz + 0.31 lb ai	77
Paramount + MSO + Puma	0.144 lb ai + 24 fl oz + 0.063 lb ai	98
Paramount + MSO + Puma	0.188 lb ai + 24 fl oz + 0.063 lb ai	97
Paramount + MSO + Achieve	0.144 lb ai + 24 fl oz + 0.18 lb ai	100
Paramount + MSO + Achieve	0.188 lb ai + 24 fl oz + 0.18 lb ai	100
Paramount + MSO + Discover	0.144 lb ai + 24 fl oz + 0.05 lb ai	100
Paramount + MSO + Discover	0.188 lb ai + 24 fl oz + 0.05 lb ai	99
Tiller	1.7 pt	99
Assert + MSO	0.31 lb ai + 24 fl oz	95
Puma + MSO	0.063 lb ai + 24 fl oz	99
Achieve + MSO	0.18 lb ai + 24 fl oz	
Discover + MSO	0.05 lb ai + 24 fl oz	100

