

# CHART 6: TANK-MIX PARTNER CHOICE CHART FOR FIELD 2 – Prowl H2O + Metribuzin; Prowl H2O + Linex; Metribuzin + Linex; Premixes

Tank Mix Partner Choice Chart for Field 2 with common lambsquarters, redroot pigweed, and kochia. Examples of preemergence, two-way tank mixtures with different SOAs providing 90%–100% (G, good) season-long control of the three weeds: **Prowl H2O + metribuzin; Prowl H2O + Linex/Lorox; or Linex/Lorox + metribuzin**. Boundary or Sulfentrazone MTZ/Sencor STZ, formulated, preemergence herbicide products with a combination of two herbicides, can also control the three weeds season long 90%–100% (G, good). Herbicides in the same color row have the same SOA.

HERBICIDES <sup>1</sup>	WEED SPECIES PRESENT IN THE AREA					
	Hairy nightshade	C. lambs-quarters	Redroot pigweed	Kochia	Green foxtail	
<b>Chateau</b> (flumioxazin)		P	G	S		
<b>Reflex</b> (fomesafen)		P	G	G		
<b>Sulfentrazone</b> (various trade names)		P	G	F		
<b>Dual Magnum</b> (S-metolachlor)		P	G	F		
<b>Metolachlor</b> (various trade names)		P	G	F		
<b>Outlook</b> (dimethenamid-p)		P	G	F		
<b>Zidua</b> (pyroxasulfone)		P	G	S		
<b>Matrix<sup>2</sup></b> (rimsulfuron)		P	G	F		
<b>Eptam</b> (EPTC)		S	G	F		
<b>Prowl H2O</b> (pendimethalin)		G	G	F		
<b>Sonalan HFP</b> (ethalfluralin)		F	G	F		
<b>Treflan HFP</b> (trifluralin)		F	G	F		
<b>Metribuzin</b> (various trade names)		G	G	G		
<b>Linex/Lorox</b> (linuron)		G	G	F		
<b>Boundary</b> (S-metolachlor + metribuzin)		G	G	F		
<b>Sencor STZ<sup>3</sup></b> <b>Sulfentrazone MTZ</b> (metribuzin + sulfentrazone)		G	G	G		
<b>Poast (Plus or Ultra)</b> (sethoxydim)						
<b>Select</b> (clethodim)		N	N	N		
<b>Venture<sup>4</sup></b> (fluazifop-P-butyl)						

## SEASON-LONG CONTROL:

**G** (good) = 90%–100%      **F** (fair) = 80%–89%      **P** (poor) = 0%–30%      **N** (none) = 0%  
**S** (suppression only) = approximately 50%      – = no information available

<sup>1</sup> Not all trade names are listed. Mention of a trade name in no way endorses that product.

<sup>2</sup> Matrix is sold as Prism in Canada where it is only labeled for POST-application timing.

<sup>3</sup> Sencor STZ is the metribuzin + sulfentrazone premix sold in Canada.

<sup>4</sup> Venture (fluazifop-P-butyl), sold in Canada (not labeled for use in US potato production), is another herbicide with this SOA.

NOTE: PRE-applied burndown herbicides, glyphosate, paraquat, and Aim EC are not included but may be needed as part of a herbicide control program.