

Pre-Seed and Pre-Emergent Herbicide Options for Chickpeas

Herbicide	Herbicide Group	Application Timing*	Tank-Mix Options (on label or supported)	Primary Target	Recropping (year after)
Aim® EC/Revenge™ (carfentrazone)	14	Prior to seeding (**Tank-mix with Express® SG and glyphosate—apply minimum 24 hours prior to seeding)	glyphosate (required) **Express® SG + glyphosate	Broadleaf weeds	None
CleanStart® (carfentrazone + glyphosate)	9 + 14	Prior to seeding	Aim®	Broadleaf and grassy weeds	None
Edge® MicroActiv (ethalfluralin)	3	Fall only	None	Broadleaf and grassy weeds	Crop restrictions on label
Valtera®/Valtera™ EZ (flumioxazin)	14	Prior to seeding or prior to emergence	glyphosate Goldwing®	Broadleaf weeds	None
Fierce®/Fierce® EZ (flumioxazin + pyroxasulfone)	14 + 15	Prior to seeding or prior to emergence	glyphosate Goldwing®	Broadleaf and grassy weeds	None
glyphosate	9	Prior to seeding or prior to emergence	MCPA Amine	Broadleaf and grassy weeds	None
Goldwing® (MCPA Ester + pyraflufen-ethyl)	4 + 14	Prior to seeding or prior to emergence	Glyphosate Fierce® Valtera™	Broadleaf weeds	None
Zidua™ (pyroxasulfone)	15	Prior to seeding or prior to emergence	glyphosate	Grassy weeds	None
Heat® Complete (pyroxasulfone + saflufenacil)	14 + 15	Prior to seeding and post seeding within three days	glyphosate	Broadleaf and grassy weeds	None
Authority® Supreme (pyroxasulfone + sulfentrazone)	14 + 15	Prior to seeding or up to three days after seeding	Aim® + glyphosate glyphosate	Broadleaf and grassy weeds	Crop restrictions on label
Authority® 480 (sulfentrazone)	14	Prior to seeding or up to three days after seeding	Aim® + glyphosate glyphosate	Broadleaf weeds	Crop restrictions on label
Heat® (saflufenacil)	14	Prior to seeding or prior to emergence	glyphosate Authority®	Broadleaf weeds	None
Express® SG*/Involve® 50 WDG (tribenuron)	2	Minimum 24 hours prior to seeding	glyphosate (required) Aim® + glyphosate	Broadleaf weeds	None

*There may be restrictions on label for rates, application timing, varieties, or soil types. Consult label or manufacturer for more detail. Always read and follow label directions. This information is only a guide, if label information differs, follow label instructions.

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