

Distinct herbicide technology sheet

Selective post-emergent weed control for field corn. Complements glyphosate for superior chemfallow and post-harvest control.

- Controls annual broadleaf weeds in post-emergent corn
- Multiple modes of action with glyphosate to control resistant biotypes in chemfallow and post-harvest
- Keeps fields cleaner to set them up for success the next season
- Excellent follow-crop flexibility that includes pulses and canola

Active ingredients

Dicamba – Group 4
Diflufenzopyr – Group 19

Formulation

Water dispersible granular

One case contains

2 x 2.32 kg jugs

Storage

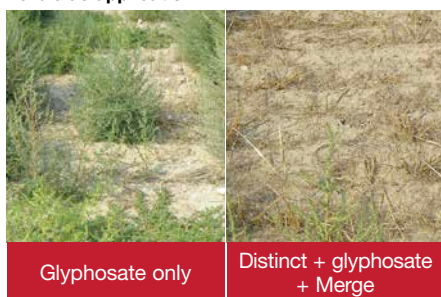
Store in a cool, dry, ventilated area, above 5°C.

Weed control in spring, following previous September application



Source: BASF research trials

Glyphosate-resistant kochia 61 days after herbicide application



Source: BASF research trials, 2013

Application or crop

Field corn
Chemfallow
Post-harvest

Staging

2 to 6 leaf
July to August
prior to first significant frost

Weeds controlled and staging

In field corn – apply to actively growing weeds (except where indicated)

Biennial wormwood (2 to 8 leaf)	Perennial sow thistle ² (2 to 10 leaf)
Canada thistle ¹	Redroot pigweed
Common cocklebur (cotyledon to 6 leaf)	Tall waterhemp
Common ragweed	Velvetleaf
Giant ragweed ² (2 to 8 leaf)	Volunteer adzuki beans (1 to 3 trifoliolate)
Kochia (up to 15 cm height)	Volunteer canola (cotyledon to 4 leaf)
Lady's thumb	Wild buckwheat
Lamb's quarters	

In chemfallow and post-harvest – apply to actively growing weeds (except where indicated)

Distinct at 58 g/ac tank-mixed with glyphosate will control:

Dandelion ¹	Redroot pigweed
Kochia	Round-leaved mallow
Lamb's quarters	Spiny annual sow thistle
Narrow-leaved hawk's beard	Wild buckwheat

Distinct at 115 g/ac tank-mixed with glyphosate will control:

Biennial wormwood (2 to 8 leaf)	Lamb's quarters
Canada thistle ¹	Perennial sow thistle ² (2 to 10 leaf)
Common cocklebur (cotyledon to 6 leaf)	Redroot pigweed
Common ragweed	Tall waterhemp
Dandelion	Velvetleaf
Kochia ³ (up to 15 cm height)	Volunteer canola (cotyledon to 4 leaf)
Lady's thumb	Wild buckwheat

¹ Top growth in summer application, control in a post-harvest application.

² Suppression only.

³ Includes glyphosate-resistant biotypes at 115 g/ac (285 g/ha) application rate.

Application rates

One case will treat 40 to 80 acres, depending on rate.

Field corn	Distinct herbicide	115 g/ac (285 g/ha)
	Non-ionic surfactant ⁴	0.25% v/v
	28% UAN ⁴	1.25% v/v
Chemfallow, post-harvest	Distinct herbicide	58 to 115 g/ac (143 to 285 g/ha)
	(Opt.1) Glyphosate ⁴ (360 g ae/L)	0.5 to 1 L/ac (1.25 to 2.5 L/ha)
	(Opt.2) Glyphosate ⁴ (540 g ae/L)	0.33 to 0.66 L/ac (0.83 to 1.67 L/ha)
	Merge adjuvant ⁴	200 ml/ac (500 ml/ha)

Water volume

Ground application only 20 to 40 L/ac (5 to 10 gal/ac)

⁴ Non-ionic surfactant, 28% UAN, glyphosate and Merge adjuvant (required for optimum activity) are not included in the case.

Mixing order

1. Fill clean spray tank 1/2 full of clean water and start agitation.
2. Add the correct amount of Distinct herbicide and continue to agitate until product is completely dissolved and fully dispersed.
3. For chemfallow or post-harvest, add the correct amount of glyphosate while continuing agitation.
4. For chemfallow or post-harvest add the recommended amount of Merge adjuvant or a 0.25% v/v of non-ionic surfactant, followed by 1.25% v/v 28% UAN. For field corn add 0.25% v/v of non-ionic surfactant, followed by 1.25% v/v 28% UAN.
5. Continue agitation while adding the remaining amount of water.

Application tips

Rainfastness – 4 hours.

For denser weeds and thick canopies use the higher water volume.

Grazing

Do not cut or graze for 75 days after application.

Follow crops

If Distinct is applied prior to September 1

Wheat, barley, oats, canary seed, corn, canola, lentils, soybeans, chickpeas, flax, field peas and sunflowers.

If Distinct is applied⁵ prior to October 1

Wheat, barley, oats, canary seed, corn, canola, lentils, field peas and soybeans.

If Distinct is applied⁵ prior to October 15

Wheat, barley, oats, canary seed and corn.

⁵ Distinct applied at 58 g/ac (143 g/ha). If higher rates are used, rotate to cereal or corn crops only.

Tank mixes

Herbicides for chemfallow and post-harvest application: Glyphosate

None on label for field corn.

Contact **AgSolutions®** Customer Care or your local BASF Sales Representative for additional information on supported tank mixes.

For more information: Call **AgSolutions** Customer Care at 1-877-371-BASF (2273) or visit **agsolutions.ca**.

Always read and follow label directions.

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