

# CHEMICAL BRUSH CONTROL

## Broadcast Application

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KIND OF BRUSH	SIZE OF BRUSH	METHOD OF APPLICATION	SEASON OF APPLICATION	CHEMICAL MIXTURE	KIND OF EQUIPMENT NEEDED
Mesquite	Original or single-stemmed trees with dense foliage	Foliage spray—swath widths not to exceed 60 ft.	Spring—under good growth conditions 40-90 days after first green growth appears at the bud	1/3 lb. 2,4,5-T, 1/2 gal. diesel oil and water to make 3 gal. of spray solution per acre	Airplane
Mesquite	Many-stemmed trees or sprouts—at least 4 ft. tall or more and 4-6 yr. old with dense foliage	Foliage spray—swath widths not to exceed 42 ft.	Spring—under good growth conditions 40-90 days after first green growth appears at the bud	1/2 lb. 2,4,5-T, 1 gal. diesel oil and water to make 4 gal. solution per acre	Airplane
Post oak	All sizes, sprouts at least 4 yr. old	Foliage spray—42 ft. swaths 2 applications necessary, usually in succeeding years	Spring—after leaves become full size and before summer dormant period begins	1ST SPRAYING—1½ lb. 2,4,5-T or 1¼ lb. silvex 3 gal. water and diesel oil to make 4 gal. solution per acre 2ND SPRAYING—1 lb. 2,4,5-T or ¾ lb. silvex with water-oil mixture same as 1st spraying	Airplane
Undesirable hardwoods	All sizes, sprouts at least 4 yr. old	Foliage spray—42 ft. swaths 2 applications necessary	Spring—after leaves become full size and before summer dormant period begins	1ST SPRAYING—1½-2 lb. 2,4,5-T in a 1:4 oil-water emulsion with a minimum of 5 gal. solution per acre 2ND SPRAYING—1 lb. 2,4,5-T with a 1:4 oil-water emulsion and 5 gal. solution per acre	Airplane
Blackjack oak, post oak, winged elm	All sizes growing on upland sandy or sandy loam soils	To surface of soil by airplane, broadcast seeder or hand broadcast	Spring—from bud growth to full leaf development	Fenuron pellets 16 lb. per acre of 25% active chemicals	Airplane or broadcast seeder
Whitebrush	All sizes with no overstory of larger brush. Sprouts at least 1 yr. old	Foliage spray—uniform coverage 42 ft. swath widths	Spring or fall, plants fully leafed, and in full bloom. Stop spraying when whitebrush begins shedding flower petals	1¼ lb. MCPA with 1 gal. diesel oil and enough water to make 8 gal. solution per acre	Airplane only
Sand Shinnery Oak	All sizes	Foliage spray—42 ft. swath widths, 2 or 3 applications as necessary in successive years	May 1-June 15 under good growth conditions with plants fully leafed	1/2 lb. 2,4,5-T or silvex, 1 gal. diesel oil and water to make 4 gal. solution per acre	Airplane

AERIAL FOLIAGE—SOIL SURFACE BROADCAST SEEDER—SOIL SURFACE HAND BROADCAST—SOIL SURFACE

