

Bonanza®

HERBICIDE

Bonanza is a soil-incorporated herbicide for control of a broad spectrum of annual grass and broadleaf weeds in many oilseeds, special crops, vegetables and orchards. Bonanza can also be used for weed control on summerfallow fields, and for shelterbelt establishment. With two formulations, Bonanza can be used in many different management systems.

GUARANTEE: Bonanza 10G formulated as a 10% trifluralin granular; Bonanza 480 formulated as a 480 g/trifluralin L liquid.

CROPS: Bonanza 10G summer application to canola, flax and fababean (prairies only). Fall application to canola, lentil, flax, pea, mustard, sunflower, faba bean, soybean, dry bean, barley, and for alfalfa establishment. Fall application at reduced rates to stubble or summerfallow in wheat.

Spring application only with Bonanza 480 Liquid for canola, peas, mustard, fababean, dry bean, black bean, safflower, soybean, and sunflower, and several vegetable crops and fruit trees. Also used in shelterbelt establishment. Vegetable crop including asparagus, cole crops, carrots, rutabagas, snap beans, and tomato transplants.

Consult label for complete listing of registered crops.

RATE: Rates depend on season of application, soil texture, crop and targeted weeds. **Bonanza 10G** rates range from 8.5 kg/ha (7 lbs/acre - 17 kg/ha (15 lbs/acre).

Bonanza 480 liquid rates range from 2 L/ha (.81 L/acre) in the spring to 4.25 L/ha (1.72 L/acre) in the summer. Rates of 5.5 - 11 L/ha (2.2 - 4.5 L/acre) in shelterbelts. For green foxtail control in wheat and barley, apply 1.4 - 2.1 L/ha (0.567 - 0.850 L/acre) after seeding.

TIMING: Application can be made in summer, fall or spring prior to seeding. For green foxtail control in wheat and barley, apply Bonanza 480 post-seeding prior to crop emergence. Bonanza 10G registered for summer and fall application only. It does not kill established weeds, kills seedling as they germinate so cultivate existing weeds before applying Bonanza.

WATER VOLUME: Apply Bonanza 480 in at least 100 L/ha (9 gallons/acre). Bonanza 480 can be mixed with liquid fertilizers and broadcast applied, or impregnated on dry bulk fertilizer for broadcast applications.



QUICK SHEET

ALWAYS READ THE LABEL BEFORE USE

CAUTION: Populations of green foxtail resistant to trifluralin have developed in some fields. Bonanza will not control these biotypes. Application to soils that are subject to flooding may result in reduced weed control. Do not apply to fields where manure was applied within the last 12 months. Do not apply by air. Do not apply to peat or muck soils (any soil over 15% O.M.)

RAINFAST: Bonanza should be incorporated within 24 hours of application.

PREHARVEST INTERVAL: Do not graze the treated crops or cut for hay.

RE-ENTRY TIME: After incorporation.

| WEEDS CONTROLLED | |
|---------------------|--------------------------------|
| ANNUAL GRASSES: | |
| Annual bluegrass | Goosegrass |
| Barnyard Grass | Green and yellow foxtail |
| Bromegrass | Persian darnel |
| Cheat | Stinkgrass |
| Crabgrass | Wild oats* |
| ANNUAL BROADLEAVES: | |
| Carpetweed | Lamb's-quarters |
| Cheat | Pigweed |
| Chickweed | Purslane |
| Cow cockle | Wild buckwheat* |
| Knotweed | * May not be fully controlled. |

TANK MIXES: Sencor®, Lexone®, or Avadex BW®, Basagran®. Consult label for registered crops.

ADDITIONAL: Do not apply by air. Injury to flax, barley and lentils may occur if soil and weather conditions are not conducive to rapid crop emergence. To minimize crop injury, seed shallow into a firm, moist seedbed. Products must be incorporated thoroughly into the soil with tillage implements set to incorporate to a depth of 7.5 to 10 cm (3 to 4 inches) deep. The incorporations should be at right angles to each other. Consult the label for complete incorporation instructions.

RESIDUAL CONTROL: Controls weeds pre-emergently throughout the growing season of the crop.

RE-CROPPING: Oats, canary seed and small-seeded grasses and sugar beets may be affected the year after the treated crop. Corn is sensitive at higher rates. The rate of Bonanza breakdown in the soil is influenced by environmental factors. Crop injury may occur to rotational crops if dry soil conditions occurred during the first growing season.

SURFACTANT NEEDED: None.

PACKAGE SIZE: Bonanza 10G 22.7 kg bags and 454 kg mini-bulk bags. Bonanza 480 2 x 9.46 L.

STORAGE: If Bonanza 480 is stored below -18° C, bring the contents to 15° C for 24 hours and shake well before using. Store away from food and feed.

Do not store Bonanza 10G in direct sunlight. Store in areas of cool temperatures.

HERBICIDE GROUP: Group 3.



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West: 1-800-561-5444 Ontario & Maritimes: 1-800-265-5444 Quebec: 1-800-361-9369