

CROPLAND, RANGELAND, AND NONCROP AREAS

USE RESTRICTIONS: For control of plains pocket gophers (*Geomys bursarius*), southeastern pocket gophers (*G. pinetis*), yellow-faced pocket gophers (*Pappogeomys castanops*) and pocket gophers (*Thomomys spp.*) in cropland (including alfalfa), rangeland, reforestation areas, Christmas trees, conifer/poplar/cottonwood plantations and noncrop areas (including lawns, golf courses and parks). Bait must be applied directly into pocket gopher's underground burrow systems or into underground tunnels created by burrow-builder machines. Do not apply bait above ground or directly to crops grown for food or feed. Do not apply by use of burrow-builders in lawns, golf courses, or municipal parks.

HAND BAITING: Follow the directions indicated below to locate and treat pocket gophers' burrow systems.

Locating Underground Runways: Use a specially designed gopher probe, a metal rod, a strong smooth stick, or other suitable implement to probe the ground 10 to 15 inches away from fan-shaped gopher mounds. Begin probing on the flat side of the fan. When the main runway has been entered, the probe will drop about 2 inches due to decreased resistance from soil.

Applying Bait to Runways: Using a long-handled spoon or mechanical probe, drop one teaspoon (4 grams) of bait into the main runway at each baited point. Cover the opening with sod, a rock, or soil to exclude light. Take care not to cover bait with soil. Depending upon mound density, make two to five bait placements per burrow system. Recover and bury all spilled bait. Applied in this manner, one pound of bait will treat one to eight acres, depending upon the number of pocket gopher burrow systems present.

BURROW BUILDER: Follow manufacturer's instructions for the type of equipment used. Calibrate equipment to drop a teaspoon quantity (4 grams) of bait at 4-5 foot intervals in the artificial burrow made by the machine. Apply at a rate of 2-3 lbs. of bait per acre. Pick up and bury all spilled bait.

ALFALFA

USE RESTRICTIONS: For control of meadow voles, long-tailed voles, California voles, Oregon voles, mountain voles and Townsend's voles (*Microtus spp.*) and Richardson's ground squirrels (*Spermophilus richardsonii*) in alfalfa. All applications must occur shortly after a cutting of the hay, and/or prior to the next growth's attaining a length of 2 inches. Alfalfa forage from treated areas must not be harvested until it reaches maturity. This use is restricted to Montana, California, Idaho, Oregon, and the state of Washington.

PREBAITING: When bait is to be used to control Richardson's ground squirrels, prebaiting with untreated steamed crimped oats at a rate of 6 lbs. per acre 2-3 days before ZP RODENT OAT BAIT AG is applied is likely to enhance acceptance of the toxic bait.

BROADCAST BAITING: This product may be broadcast by air or ground-driven dispensing devices. Apply at a rate of up to 10 lbs. (0.2 lb. active ingredient) per acre. Make only one application per year if Richardson's ground squirrels are being targeted. If voles are being targeted, a second bait application may be made after 10 days. A maximum of 20 lbs. (0.4 lb. active ingredient) per acre may be applied per year. Do not apply by air when wind velocity exceeds 10 mph. Do not apply in piles or permit piles to be formed by equipment.

TIMOTHY AND TIMOTHY/ALFALFA MIXTURES PRODUCED FOR HAY

USE RESTRICTIONS: For control of meadow voles, long-tailed voles, California voles, Oregon voles, mountain voles, and Townsend's voles (*Microtus spp.*) in timothy and timothy/alfalfa mixtures. Do not apply by air. Do not apply to actively growing timothy or timothy/alfalfa mixtures. This use is restricted to California, Idaho, Oregon and the state of Washington. Do not apply to timothy or timothy/alfalfa mixtures within 60 days of harvest.

BROADCAST BAITING: Broadcast bait using by hand, cyclone seeder, or ground-driven dispensing devices. **Wear rubber gloves during hand-broadcast operations.** A maximum of 2 applications by ground may be made at the rate of 5 to 10 lbs. per acre, one in the fall after the last cutting and one in the spring when timothy and timothy-legume mixtures are still dormant. Do not apply in piles or permit piles to be formed by equipment.

TIMOTHY PRODUCED FOR SEED

USE RESTRICTIONS: For control of meadow voles, long-tailed voles, California voles, Oregon voles, mountain voles, and Townsend's voles (*Microtus spp.*) in timothy during the non-growing season. Do not apply by air. Do not apply to actively growing timothy or timothy/alfalfa or timothy/clover mixtures. A minimum of 158 days must pass between an application of ZP RODENT OAT BAIT AG and any livestock foraging activity. This use is restricted to Idaho, Oregon and the state of Washington.

BROADCAST BAITING: This product may be broadcast by hand, cyclone seeder, or ground-driven dispensing devices at rates of up to 10 lbs. (0.2 lb. active ingredient) per acre during crop dormancy. **Wear rubber gloves during hand-broadcast operations.** A maximum of 20 lbs. (0.4 lb. active ingredient) per acre may be applied annually.

BARLEY

USE RESTRICTIONS: For control of meadow voles, long-tailed voles, California voles, Oregon voles, mountain voles, Townsend's voles (*Microtus spp.*) and Richardson's ground squirrels (*Spermophilus richardsonii*) in growing-season and preplant applications in barley. Do not apply this product to barley within 50 days of harvest. This use is restricted to Montana, Idaho, Oregon and the state of Washington.

PREBAITING: When bait is used to control Richardson's ground squirrels, prebaiting with untreated steamed crimped oats at a rate of 6 lbs. per acre 2-3 days before ZP RODENT OAT BAIT AG is applied is likely to enhance acceptance of the toxic bait.

BROADCAST BAITING: This product may be broadcast by air or ground-driven dispensing devices. Apply bait at a rate up to 6 lbs. (0.12 lb. active ingredient) per acre. Make only one application per year if Richardson's ground squirrels are being targeted. If voles are being targeted, a second bait application may be made after a minimum interval of 25 days. A maximum of 12 lbs. (0.24 lb. active ingredient) per acre may be applied per year. All applications must be made prior to the boot stage.

POTATOES

USE RESTRICTIONS: For control of meadow voles, long-tailed voles, California voles, Oregon voles, mountain voles, and Townsend's voles (*Microtus spp.*) in growing-season and pre-plant applications in potatoes. Do not apply this product to potatoes within 30 days of harvest. This use is restricted to Idaho, Oregon and the state of Washington.

BROADCAST BAITING: This product may be broadcast by air or ground-driven dispensing devices. Apply bait once at a rate up to 10 lbs. (0.2 lb. active ingredient) per acre, or make two separate applications at rates of up to 5 lbs. (0.1 lb. active ingredient) per acre. The maximum application rate per year is 10 lbs. (0.2 lb. active ingredient).

SUGAR BEETS

USE RESTRICTIONS: For control of meadow voles, long-tailed voles, California voles, Oregon voles, mountain voles and Townsend's voles (*Microtus spp.*) in growing-season and preplant applications in sugar beets. Do not apply this product to sugar beets within 30 days of harvest. This use is restricted to Idaho, Oregon and the state of Washington.

BROADCAST BAITING: This product may be broadcast by air or ground-driven dispensing devices. Apply bait at rates up to 10 lbs. (0.2 lbs. active ingredient) per acre at planting. A second application may be made at the same rate. The maximum application rate per year is 20 lbs. (0.4 lb. active ingredient).

WHEAT

USE RESTRICTIONS: For control of meadow voles, long-tailed voles, California voles, Oregon voles, mountain voles, Townsend's voles (*Microtus spp.*) and Richardson's ground squirrels (*Spermophilus richardsonii*) in growing-season and preplant applications in wheat. Do not apply this product to wheat within 50 days of harvest. This use is restricted to Montana, Idaho, Oregon and the state of Washington.

PREBAITING: When bait is used to control Richardson's ground squirrels, prebaiting with untreated steamed crimped oats at a rate of 6 lbs. per acre 2-3 days before ZP RODENT OAT BAIT AG is applied is likely to enhance acceptance of the toxic bait.

BROADCAST BAITING: This product may be broadcast by air or ground-driven dispensing devices. Apply bait at a rate of up to 6 lbs. (0.12 lb. active ingredient) per acre. Make only one application per year if Richardson's ground squirrels are being targeted. If voles are being targeted, a second application may be made within 25 days. The maximum application rate per year is 12 lbs. (0.24 lb. active ingredient) per acre.

BEANS (DRY)

USE RESTRICTIONS: For control of prairie voles (*Microtus ochrogaster*), meadow voles (*M. pennsylvanicus*), house mice (*Mus musculus*), deer mice (*Peromyscus maniculatus*), white-footed

mice (*P. leucopus*), and Ord's kangaroo rats (*Dipodomys ordii*), in dry beans during the growing season. Do not apply by air. Do not apply this product to dry beans within 30 days of harvest. This use is restricted to Idaho, Oregon and the state of Washington.

BROADCAST BAITING: This product may be broadcast by hand or ground-driven dispensing devices at a rate of 6 lbs. (0.12 lb. active) per acre. **Wear rubber gloves during hand-broadcast operations.** No more than one application per growing season is permitted.

BUSHBERRIES AND CANEBERRIES

USE RESTRICTIONS: For control of meadow voles, prairie voles, and pine voles (*Microtus spp.*) in bushberries (highbush and lowbush blueberries, currants, elderberries, gooseberries and huckleberries) and in caneberreries (blackberries, red raspberries, black raspberries, loganberries, and cultivars or hybrids of these caneberreries). Only apply this product in the dormant season: after final harvest and not later than the beginning of leaf emergence in the spring. Do not apply when ground is snow covered. Do not apply by air. Minimum preharvest interval is 70 days.

BROADCAST BAITING: This product may be broadcast by cyclone seeder, or by hand. **Wear rubber gloves during hand-broadcast operations.** When applying by hand, throw tablespoon amounts (12 grams) into heavy cover along bushes, rock outcrops, and fence lines. Make up to 2 applications at a minimum interval of 21 days, at the rate of 6 to 10 lbs. per acre per application.

CUCURBITS, REDUCED TILLAGE AND NO-TILL CORN

USE RESTRICTIONS: For control of prairie voles (*Microtus ochrogaster*), meadow voles (*M. pennsylvanicus*), house mice (*Mus musculus*), deer mice (*Peromyscus maniculatus*) white-footed mice (*P. leucopus*), thirteen-lined ground squirrels (*Spermophilus tridecemlineatus*), Ord's kangaroo rats (*Dipodomys ordii*), banner-tailed kangaroo rats (*D. spectabilis*), Merriam's kangaroo rats (*D. merriami*), and cotton rats (*Sigmodon hispidus*) in reduced tillage and no-till corn and in cucurbits, including and limited to chayote, Chinese waxgourd, citron melon, cucumber, gherkin, edible gourd, *Momordica spp.*, muskmelon, pumpkin, squash [summer and winter], and watermelon. Only in-furrow treatments are permitted for these crops. Do not broadcast bait. Do not apply this product within the occupied habitats of the endangered species or subspecies of kangaroo rats.

IN-FURROW APPLICATION ONLY: Equipment designed for in-furrow treatments must be used to apply this product in cucurbits, reduced tillage and no-till corn. Make one application pre-planting, or at-planting, at a rate of 4 to 6 lbs. of bait per acre. Collect and remove excessive quantities of bait deposited on surface soil or crop residues during spills or equipment malfunctions.

CALIBRATION/ROW

Row spaces inches	4 lbs. / A Rate oz. Per 1000 ft	5 lbs. / A rate oz. Per 1000 ft	6 lbs. / A rate oz. Per 1000 ft
20	2.5	3.1	3.7
30	3.7	4.6	5.5
36	4.4	5.5	6.6
38	4.7	5.8	6.9

LAWNS, ORNAMENTALS, GOLF COURSES, PARKS AND NURSERIES

USE RESTRICTIONS: For control of meadow voles, prairie voles, pine voles, California voles, long-tailed voles, Oregon voles, mountain voles and Townsend's voles (*Microtus spp.*), Columbian ground squirrels (*Spermophilus columbianus*), Richardson's ground squirrels (*S. richardsonii*), thirteen-lined ground squirrels (*S. tridecemlineatus*), and California ground squirrels (*S. beecheyi*) in lawns, ornamentals, golf courses, parks, and nurseries. Bait must not be applied on roads, over water or where plants are grown for food or feed.

PREBAITING: Prebait by placing one teaspoon (4 grams) of untreated steamed crimped oats around each active burrow opening or in each active runway 2 or 3 days prior to using ZP RODENT OAT BAIT AG to enhance acceptance by ground squirrels or voles.

HAND BAITING: Place 4 grams (one teaspoon) of bait around each active burrow opening or in each active runway. Allow bait to fall through to the ground surface but do not apply bait to bare ground. Do not place bait in heaps or piles.

AROUND AGRICULTURAL AND INDUSTRIAL STRUCTURES

USE RESTRICTIONS: This product may be used to control meadow voles (*Microtus pennsylvanicus*), prairie voles (*M. ochrogaster*), California voles (*M. californicus*), mountain voles (*M. montanus*), and pine voles (*M. pinetis*) around (within 15 feet of) agricultural, commercial and industrial buildings. Do not apply bait inside of structures.

Bait must be placed in tamper-resistant bait stations. These stations must be resistant to destruction by dogs and by children under 6 years of age and must be used in a manner that prevents such children from reaching into bait compartments and obtaining bait. If bait can be shaken from stations when they are lifted, units must be secured or otherwise immobilized. Even stronger bait stations are needed in areas open to hooved livestock, raccoons, bears or other potentially destructive animals, or in areas prone to vandalism.

SELECTION OF TREATMENT AREAS: Determine where voles will most likely find and consume the bait. Look for runways near buildings as well as signs of vole activity oriented toward the structures.

PREBAITING: Prebaiting with untreated steamed crimped oats may improve acceptance of this product and encourage voles to enter bait stations. Apply a teaspoon amount (4 grams) of prebait to each bait station at least 2 days before the scheduled application of ZP RODENT OAT BAIT AG. Check bait stations for evidence of prebait consumption. Delay use of treated bait until more than half of the prebait offered has been consumed. Remove remaining prebait from bait stations before loading them with toxic bait.

BAITING: Apply a teaspoon (4 grams) of bait in each bait station. Space bait stations at intervals of 8-12 feet in infested areas. Maintain bait in stations for 3 days. Extend the baiting period only if there is continued evidence of feeding from the stations by voles.

AIRPORTS

USE RESTRICTIONS: This product may be used at airports to control meadow voles (*Microtus pennsylvanicus*), prairie voles (*M. ochrogaster*), California voles (*M. californicus*), mountain voles (*M. montanus*), pine voles (*M. pinetis*), and white-footed mice (*Peromyscus leucopus*). Do not apply bait to bare ground. Do not apply bait by air.

PREBAITING: Prebaiting with untreated steamed crimped oats may improve acceptance of this product. Apply prebait at the same rate and using the same procedures that are to be used for applying the toxic bait. Apply prebait 2 or 3 days before the scheduled application of ZP RODENT OAT BAIT AG.

HAND BAITING: Place a teaspoon (4 grams) of bait in surface runways or at the mouths of holes leading to underground burrow systems.

GROUND-BROADCAST BAITING: Broadcast bait evenly by hand, by cyclone seeder, or by mechanical spreader mounted on a tractor or 4-wheel drive all-terrain vehicle (ATV). **Wear rubber gloves during hand-broadcast operations.** Apply treated bait at rates from 6 to 10 lbs. per acre. Do not broadcast bait on any area at an airport more than once per year.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store only in original container in a cool, dry, well ventilated place inaccessible to children, pets and wildlife. Protect from direct contact with water or excessive moisture. Once opened, do not store bag for prolonged period.

Spills: If container is punctured, repair with tape and use clear overslip bag and securely close.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty container by placing in trash, at an approved waste disposal facility or by incineration.

WARRANTY: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

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