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fore emergence of the crop. Refer to the LOROX labels for precautionary statements, rates which are dependent upon soil textures, directions, limitations and cautions. **Aerial Application**—Apply 5 to 10 gals. spray mix per acre. **Ground Application**—Use 20 to 60 gals. diluted spray. Add ORTHO X-77 Spreader (non-ionic) at 8 fl. oz. per 100 gals. of diluted spray. Seeding should be done with a minimum amount of soil disturbance. Crop plants emerged at time of application will be killed. For band applications, compute amount of Paraquat and LOROX needed per acre by dividing the band width by the inches between crop rows and then multiplying the answer by the recommended broadcast rates. Continue agitation during application. This herbicide tank mixture **WILL NOT CONTROL** Rhizome Johnsongrass. LOROX®—Reg. TM of E. I. du Pont de Nemours & Co. Inc.

**Tank Mix with LASSO® and SENCOR®:**

**For Contact Action on Emerged Weeds and Preemergence Control of Smartweed, Pigweed and Cocklebur, Foxtail and Crabgrass.** (This tank mix should be used instead of Paraquat + LOROX or Paraquat + SENCOR when better preemergence control of crabgrass and foxtail is desired.) Apply 1 to 2 pts. ORTHO PARAQUAT + PLUS in this tank mixture per acre as a preemergence broadcast ground spray. Refer to LASSO and SENCOR labels for rates which are dependent upon soil textures, directions, limitations and cautions. Apply in 20 to 60 gals. spray mix per acre. Use the 2 pt. rate of Paraquat if weeds are 4 to 6 inches tall. This mixture will not control weeds taller than six inches. Add ORTHO X-77 Spreader (non-ionic) at 8 fl. oz. per 100 gals. of diluted spray. Add SENCOR to the spray tank first and mix thoroughly. Then add LASSO followed by ORTHO PARAQUAT + PLUS and ORTHO X-77 Spreader (non-ionic). Constant agitation is recommended at all times. Do not use treated vines for feed or forage.

LASSO®—Reg. TM of Monsanto Company.

SENCOR®—Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

**Tank Mix with PROWL® and SENCOR® or LEXONE® and or LOROX® (Except**

**+ SENCOR, Paraquat + SENCOR or Paraquat + LOROX when longer residual control of foxtail and fall panicum is desired.)**

Apply 1 qt. ORTHO PARAQUAT + PLUS in this tank mixture per acre at planting or within 2 days after planting. Refer to SURFLAN and SENCOR or LEXONE labels for rates which are dependent upon soil textures, directions, limitations and cautions. Apply in 20 to 40 gals. spray mix per acre. Add ORTHO X-77 Spreader (non-ionic) at 8 fl. oz. per 100 gals. of diluted spray. Add SENCOR or LEXONE to the spray tank first and mix thoroughly. Then add SURFLAN followed by ORTHO PARAQUAT + PLUS and ORTHO X-77 Spreader (non-ionic). Constant agitation is recommended at all times. Do not use treated vines for feed or forage.

SURFLAN®—Reg. TM of Elanco Products Company.

SENCOR®—Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

LEXONE®—Reg. TM of E. I. du Pont de Nemours & Co., Inc.

**Tank Mix with DUAL® and SENCOR® or LEXONE® or LOROX®:**

Apply 1 to 2 pts. ORTHO PARAQUAT + PLUS per acre plus DUAL plus SENCOR or LEXONE or LOROX as a broadcast ground spray before, during, or after planting but before crop emergence. Apply in 20 to 60 gals. of diluted spray per acre. Apply ORTHO X-77 Spreader (non-ionic) at 8 fl. oz. per 100 gals. of diluted spray. Refer to DUAL, SENCOR, LEXONE and LOROX labels for rates of application, directions, limitations, cautions and for a list of weeds controlled by preemergence activity of DUAL, SENCOR, LEXONE and LOROX. Add SENCOR or LEXONE or LOROX to spray tank first, mixing thoroughly in carrier. Then add DUAL, ORTHO PARAQUAT + PLUS and ORTHO X-77 Spreader (non-ionic). Constant agitation recommended at all times.

DUAL®—Reg. TM of CIBA-GEIGY.

SENCOR®—Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

LEXONE® and LOROX®—Reg. TMs of E. I. du Pont de Nemours & Co., Inc.

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be used instead of Paraquat + LOROX or Paraquat + SENCOR when better preemergence control of crabgrass and foxtail is desired.) Apply 1 to 2 pts. ORTHO PARAQUAT + PLUS in this tank mixture per acre as a preemergence broadcast ground spray. Refer to LASSO and SENCOR labels for rates which are dependent upon soil textures, directions, limitations and cautions. Apply in 20 to 60 gals. spray mix per acre. Use the 2 pt. rate of Paraquat if weeds are 4 to 6 inches tall. This mixture will not control weeds taller than six inches. Add ORTHO X-77 Spreader (non-ionic) at 8 fl. oz. per 100 gals. of diluted spray. Add SENCOR to the spray tank first and mix thoroughly. Then add LASSO followed by ORTHO PARAQUAT + PLUS and ORTHO X-77 Spreader (non-ionic). Constant agitation is recommended at all times. Do not use treated vines for feed or forage.

LASSO®—Reg. TM of Monsanto Company.

SENCOR®—Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

#### Tank Mix with PROWL® and SENCOR® or LEXONE® and or LOROX® (Except CA):

Use this tank mixture for control of most emerged annual weeds, suppression of many emerged perennial weeds and preemergence control of many annual weeds when soybeans will be planted directly into a cover crop, stale seed beds or in previous crop residues such as wheat stubble. This tank mixture will not control regrowth from perennial weeds.

Apply 1 to 4 pts. ORTHO PARAQUAT + PLUS per acre plus PROWL plus SENCOR or LEXONE and/or LOROX as a broadcast ground spray before, during, or no more than 2 days after planting (before crop emergence). The higher Paraquat rates will be required under dry conditions or when weeds are 3-6 inches tall. Apply in 20 to 60 gals. of diluted spray per acre. Add ORTHO X-77 Spreader (non-ionic) at 2 to 4 pts. per 100 gals. of diluted spray. Refer to PROWL, SENCOR, LEXONE and LOROX labels for rates of application, directions, limitations, cautions and for a list of weeds controlled pre-emergence by each herbicide. Fill spray tank one-half to three-quarters full with water. Add SENCOR or LEXONE or LOROX to spray tank first, mixing thoroughly in water. Refer to respective labels for mixing directions. Then add PROWL, ORTHO PARAQUAT + PLUS and ORTHO X-77 Spreader (non-ionic). Constant agitation recommended at all times.

PROWL®—Reg. TM of American Cyanamid Company.

SENCOR®—Reg. TM of the Parent Company of Farbenfabriken Bayer, GmbH, Leverkusen.

LEXONE® and LOROX®—Reg. TMs of E.I. du Pont de Nemours & Co., Inc.

#### Tank Mix with SENCOR®:

For Contact Action on Emerged Weeds and Preemergence Control of Smartweed, Pigweed and Cocklebur. (This tank mix should be used instead of Paraquat + LOROX when infestations of emerged smartweed, pigweed and cocklebur are present at application and when better preemergence control of these species is desired.)

Apply 1 to 2 pts. ORTHO PARAQUAT + PLUS in this tank mixture per acre as a broadcast ground spray before, during or after planting but before emergence of the crop. Use the 2 pt. rate of ORTHO PARAQUAT + PLUS if weeds are 4 to 6 inches tall. This mixture will not control weeds taller than six inches. Apply in 20 to 60 gals. spray mix per acre. Add ORTHO X-77 Spreader (non-ionic) at 1 qt. per 100 gals. of diluted spray. Do not use treated vines for feed or forage.

Refer to the SENCOR label(s) for cautions, limitations and recommended rates for specific soil textures. In using minimum tillage equipment, it is important to observe the proper planting depth caution stated on the SENCOR labels so application is not made directly onto the soybean seed.

SENCOR®—Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

#### Tank Mix with SURFLAN® and SENCOR® or with SURFLAN® and LEXONE®:

For Contact Action on Emerged Weeds and Preemergence Control of Smartweed, Pigweed, Lambsquarters, Velvetleaf, Common Ragweed, Foxtail and Fall Panicum. (This tank mix should be used instead of Paraquat + LASSO

Tank Mix with DUAL® and SENCOR® or LEXONE® or LOROX®: Apply 1 to 2 pts. ORTHO PARAQUAT + PLUS per acre plus DUAL plus SENCOR or LEXONE or LOROX as a broadcast ground spray before, during, or after planting but before crop emergence. Apply in 20 to 60 gals. of diluted spray per acre. Apply ORTHO X-77 Spreader (non-ionic) at 8 fl. oz. per 100 gals. of diluted spray. Refer to DUAL, SENCOR, LEXONE and LOROX labels for rates of application, directions, limitations, cautions and for a list of weeds controlled by preemergence activity of DUAL, SENCOR, LEXONE and LOROX. Add SENCOR or LEXONE or LOROX to spray tank first, mixing thoroughly in carrier. Then add DUAL, ORTHO PARAQUAT + PLUS and ORTHO X-77 Spreader (non-ionic). Constant agitation recommended at all times.

DUAL®—Reg. TM of CIBA-GEIGY.

SENCOR®—Reg. TM of the Parent Company of Farbenfabriken Bayer, GmbH, Leverkusen.

LEXONE® and LOROX®—Reg. TMs of E.I. du Pont de Nemours & Co., Inc.

#### WHEAT: CHEMICAL FALLOW

For Desiccation of Most Emerged Annual Broadleaf Weeds and Grasses and Suppression of Many Emerged Perennial Weeds During the Fallow Period(s) of the Wheat-Fallow, Wheat-Annual Crop-Fallow, Wheat-Annual Crop and Continuous Wheat Cropping Systems—Apply 1 to 2 pts.

CYCLONE Herbicide per acre as a broadcast spray. Aerial Application—Apply 1 to 10 gals. spray mix per acre. Ground Application—Use 1 to 60 gals. spray mix per acre. As density of stubble, crop residue, or weeds increases, spray gallonage should be increased within the recommended range for complete coverage. Add ORTHO X-77 Spreader (non-ionic) at 1 to 4 pts. per 100 gals. of diluted spray. Use only clean water or nitrogen solutions as a carrier. Weeds and grasses emerging after application and regrowth from perennial weeds will not be controlled. Weeds taller than 6 inches at application may not be controlled. The addition of 2,4-D or BANVEL may aid in the suppression of perennial broadleaf weeds and annual broadleaf weeds that have made excessive growth before application. Refer to 2,4-D and BANVEL labels for directions, limitations and cautions. For extended weed control during the fallow period, tank mix with a registered residual herbicide or herbicide combination. Refer to residual herbicide label(s) for directions, limitations, cautions, and for a list of weeds controlled by pre-emergence activity of the residual herbicide(s). Add wettable powder herbicide(s) to spray tank first, mixing thoroughly in carrier. Then add liquid herbicide(s), CYCLONE Herbicide and ORTHO X-77 Spreader (non-ionic). Constant agitation recommended at all times.

BANVEL®—Reg. TM of Velsicol Chemical Corp.



**PASTURE AND RANGE RESEEDING:** Suppression of Existing Sod and Undesirable Emerged Broadleaf Weeds and Grasses to Permit Pasture and Range Reseeding—Apply recommended rates in water to make 18 to 75 gals. diluted mix per sprayed acre. Add 8 to 32 fl. oz. ORTHO X-77 Spreader (non-ionic) per 100 gals. spray. Apply broadcast or in bands over the drill row prior to, or at time of seeding desired grasses and/or forage legumes. Apply as a band treatment when recovery of the sprayed sod is desired, such as in the case with desirable fescue grass. Apply as a broadcast treatment when existing grass species is undesirable and should be totally suppressed, such as in the case with run-down bluegrass sod.

West of Cascade and Sierra Nevada Mountains—1 to 2 pts. per sprayed acre prior to, or at time of seeding grasses such as Hardinggrass and Pasture Orchardgrass. Apply in October through December after first fall rains and after weeds have emerged and sod has started new growth. For best seeding results, apply on moderate to heavily grazed areas. Do not use in areas with heavy sod and weed growth. Do not pasture treated areas until growth of newly planted seedlings is 3 to 6 inches high.