

**ELANCO**

ID 5030



Complete Directions For Use,  
Use Cautions and Special Precautions,  
Crop Recommendations

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PAARLAN™ the registered trademark for  
Elanco Products isopropalin

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### INCORPORATION IN BEDDED CULTURE

For effective weed control, PAARLAN should be incorporated into the top 2 to 3 inches of the final seedbed. Knock off beds to planting height before application of PAARLAN and incorporation on bedded ground. Avoid removal of treated soil from the seedbed before or during the planting operation.

### INCORPORATION EQUIPMENT

PAARLAN can be incorporated into the seedbed by using a variety of equipment. The most common methods are using a tandem or double disk harrow, a rotary harrow, or a PTO driven equipment (quilters, cultivators, hoes). The use of a rotary harrow or a PTO driven equipment is recommended for incorporation of PAARLAN into the seedbed.

#### Recommended equipment includes:

Use a tandem or double disk harrow set to cut 4 to 6 inches deep and operated in 2 different directions at 4 to 6 mph. A tandem or double disk harrow operated one time does not provide adequate incorporation.

*PTO driven equipment (quilters, cultivators, hoes)* set to cut 3 to 4 inches deep with rotors spaced to provide a clear sweep of the soil and operated one time. PTO driven equipment should not be operated at a speed greater than 4 mph.

### CULTIVATION AFTER PLANTING

In areas of bedded culture, weeds may germinate in the bottom of the furrow due to the removal of PAARLAN treated soil. These weeds should be controlled by cultivation. Shallow cultivation, rotary hoeing and hand hoeing do not reduce the weed control activity of PAARLAN.

### CROP RECOMMENDATIONS

PAARLAN is registered for use in the following crops:

Crop	Application Rate (lb/acre)
Alfalfa	1.0
Asparagus	1.0
Beans	1.0
Beets	1.0
Broccoli	1.0
Cauliflower	1.0
Corn	1.0
Cucumbers	1.0
Eggplant	1.0
Garlic	1.0
Green beans	1.0
Green peas	1.0
Kale	1.0
Kidney beans	1.0
Lettuce	1.0
Onions	1.0
Peas	1.0
Potatoes	1.0
Spinach	1.0
Squash	1.0
Strawberries	1.0
Tomatoes	1.0
Turnips	1.0
Watermelons	1.0

### CAUTION

Read label carefully before use. Note and read all directions, precautions, and special precautions. Note: Application rates for this product varies with different crops. Read label carefully for this information.

### APPENDIX I -- PAARLAN APPLICATION WITH FLUID FERTILIZERS ON FLUE-CURED TOBACCO

#### GENERAL

PAARLAN may be used with fluid fertilizers. The following information applies to PAARLAN, AT, and AT-20. The application rate for PAARLAN, AT, and AT-20 is 1.0 lb per acre. The application rate for PAARLAN, AT-20 is 1.0 lb per acre.

PAARLAN, AT, and AT-20 should be applied to the soil at the rate of 1.0 lb per acre. The application rate for PAARLAN, AT, and AT-20 is 1.0 lb per acre.

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#### COMPATIBILITY TEST

PAARLAN, AT, and AT-20 should be tested for compatibility with fluid fertilizers. The following information applies to PAARLAN, AT, and AT-20.

1. Read label carefully for PAARLAN, AT, and AT-20.

2. Mix the fluid fertilizer and PAARLAN, AT, and AT-20 in a separate container.

3. Mix the fluid fertilizer and PAARLAN, AT, and AT-20 in a separate container. The compatibility of the fluid fertilizer and PAARLAN, AT, and AT-20 should be tested before application.

Compatibility of PAARLAN, AT, and AT-20 with fluid fertilizers should be tested before application. The following information applies to PAARLAN, AT, and AT-20.

#### COMPATIBILITY TEST

Compatibility Agent	PAARLAN, AT	PAARLAN, AT-20
Compro	Compatible	Compatible
Spot 108	Compatible	Compatible
Iron QS 44	Compatible	Compatible

To complete test for compatibility, refer to the compatibility agent label for instructions.

The compatibility agent should be mixed with the fluid fertilizer at the rate of 1.0 lb per acre. The application rate for PAARLAN, AT, and AT-20 is 1.0 lb per acre.

Spot 108 and Iron QS 44 should be applied to the soil at the rate of 1.0 lb per acre. The application rate for PAARLAN, AT, and AT-20 is 1.0 lb per acre.

Iron QS 44 should be applied to the soil at the rate of 1.0 lb per acre. The application rate for PAARLAN, AT, and AT-20 is 1.0 lb per acre.

#### MIXING

If a compatibility agent is used, mix the fluid fertilizer before adding the PAARLAN, AT, and AT-20. If a problem exists, add water with the PAARLAN, AT, and AT-20.

before going to the fertilizer  
PAARLAN should be placed directly into the tank fertilizer  
and mixed thoroughly. Vigorous continued agitation is  
needed until application is complete.

#### **APPLICATION**

Spread the fertilizer over the area annually with a  
properly calibrated applicator. Be certain the material is  
applied uniformly to the soil surface.

#### **INCORPORATION**

Follow the PAARLAN Corporation procedures