

KEEP OUT OF REACH OF CHILDREN

# MULTIMIN<sup>®</sup> 90

Sterile selenium, manganese, copper and zinc injection for cattle

**CAUTION:** FEDERAL LAW RESTRICTS THIS DRUG TO USE BY OR ON THE ORDER OF A LICENSED VETERINARIAN.

### ACTIVE SUBSTANCES PER ML:

Zinc .....	60 mg/mL
Manganese .....	10 mg/mL
Selenium .....	5 mg/mL
Copper .....	15 mg/mL

### OTHER SUBSTANCES:

Benzyl Alcohol 1% v/v (as preservative)

### PRECAUTIONS:

Selenium and copper are toxic if administered in excess.

Always follow recommended label dose. Do not overdose.

It is recommended that accurate body weight is determined prior to treatment.

Do not use concurrently with other injectable selenium and copper products.

Do not use concurrently with selenium or copper boluses.

Do not use in emaciated cattle with a BCS of 1 in dairy or 1-3 in beef.

Consult your veterinarian.

### DOSAGE RECOMMENDATIONS:

CALVES: Up to 1 year .....	1 mL/per 100 lbs. bodyweight
CATTLE: From 1-2 years .....	1 mL/per 150 lbs. bodyweight
CATTLE: Over 2 years .....	1 mL/per 200 lbs. bodyweight

### CAUTION:

Slight local reaction may occur for about 30 seconds after injection. A slight swelling may be observed at injection site for a few days after administration. Use standard aseptic procedures during administration of injections to reduce the risk of injection site abscesses or lesions.

### WITHDRAWAL PERIOD:

Meat 14 days. Milk zero withdrawal.

### DIRECTIONS:

This product is only for use in cattle. **Multimin<sup>®</sup> 90** is to be given subcutaneously (under the skin) ONLY. It is recommended to administer the product in accordance with Beef Quality Assurance (BQA) guidelines. Minimum distance between injection sites for the **Multimin 90** product and other injection sites should be at least 4 inches. Inject under the loose skin of the middle of the side of the neck. Max volume per injection site is 7 mL.

## SUPPLEMENTATION PROGRAM

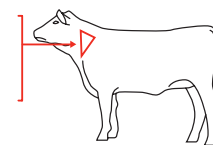
BULLS	3 times per year
BEEF COWS	4 weeks before breeding 4 weeks before calving
DAIRY COWS	4 weeks before calving 4 weeks before insemination at dry-off
CALVES	at birth at 3 months and/or weaning
HEIFERS	every 3 months – especially 4 weeks before breeding

(program gives planned dates that can be varied to suit management programs)

## DOSAGE TABLE

ANIMAL WEIGHT (lbs)	CALVES UP TO 1 YEAR 1 mL/100 lb BW	CATTLE 1 - 2 YEARS 1 mL/150 lb BW	CATTLE > 2 YEARS 1 mL/200 lb BW
50	0.5 mL	-	-
100	1 mL	-	-
150	1.5 mL	-	-
200	2 mL	-	-
300	3 mL	-	-
400	4 mL	-	-
500	5 mL	-	-
600	6 mL	-	-
700	7 mL	-	-
800	-	5.3 mL	-
900	-	6 mL	-
1000	-	6.6 mL	5 mL
1100	-	-	5.5 mL
1200	-	-	6 mL
1300	-	-	6.5 mL
1400	-	-	7 mL

Subcutaneous injection in middle of side of neck.



Store Between 15°C and 30°C (59°F and 86°F).

Packaged in 100 mL & 500 mL size

NDC No. 49920-006-01  
NDC No. 49920-006-05

TAKE TIME OBSERVE LABEL DIRECTIONS



MANUFACTURED FOR:  
**MULTIMIN<sup>®</sup>**  
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