## Purina® Ultium® Growth Horse Formula



# NUTRITION FOR BROODMARES AND FOR CONSISTENT GROWTH OF FUTURE EQUINE ATHLETES

### For pregnant or lactating mares and growing horses

#### SUSTAINED ENERGY SYSTEM®

Blend of fat, fermentable fiber and soluble carbohydrates provides steady energy for lactation and growth

#### TARGETED NUTRITION DELIVERY™ SYSTEM

Precise nutrient ratios support proper joint, bone and muscle development

#### **OUTLAST® SUPPLEMENT**

Supports gastric health & proper pH and provides calcium for proper bone growth

#### **AMPLIFY® HIGH-FAT NUGGET**

Proprietary blend of fatty acids from vegetable oils, flaxseed and rice bran maintain body condition in lactating mares and healthy bloom in growing horses

#### A GROWTH FEED LIKE NO OTHER

It's one thing to say a horse feed supports development, growth and adaptive physiology for a strong, healthy, athletic horse. It's quite another to prove it. The Purina Ph.D. nutritionists and veterinarians who created Ultium® Growth conducted over four years of scientific feeding trials with thousands of measurements and observations on broodmares and young horses with varying ages, breeds and management situations. Because that's what it takes to keep Ultium® Growth and your future elite equine athlete a step ahead.





#### Horse Formula

Crude Protein (min)

Lysine (min)

Methionine (min)

Threonine (min)

Crude Fat (min)
Crude Fiber (max)

Acid Detergent Fiber (max)

Neutral Detergent

Fiber (max)

Starch (max)

Sugars (max)

Calcium (min)

Calcium (max)

Sodium (max)

Phosphorus (min)

Magnesium (min)

Potassium (min)

Copper (min)

Selenium (min)

Selenium (max)

Vitamin A (min)

Vitamin D<sub>o</sub> (min)

Vitamin E (min)

Omega-3 Fatty Acid (min)

Omega-6 Fatty Acid (min)

Zinc (min)

**GUARANTEED ANALYSIS** 

15.50%

1.00%

0.48%

0.55%

9.50%

13.00%

16.00%

28.00%

15.00%

8.00%

1.40%

1.90%

0.70%

0.60%

0.35%

1.25%

90.00 ppm

0.60 ppm

0.72 ppm

270.00 ppm

3,400 IU/lb

800 IU/lb

150 IU/lb

0.50%

2.00%

#### THE SCIENCE BEHIND THE FORMULA

## PREGNANT MARE

Proper fetal development starts with balanced nutrients, including copper and zinc, which are critical for developing fetal liver stores during gestation. Nutrient-dense formula with Amplify® High-Fat Nugget supports mare through all stages of gestation, with more calories from fat and fiber and lower sugar and starch levels. Lower feeding rates help support digestive health.

## LACTATING MARE & SUCKLING FOAL

Mares on Ultium® Growth are able to maintain weight and body condition, when requirements can increase to 35,000 calories per day.

Foals may nurse up to 80 times per day. Ultium® Growth provides additional milk components to support immune function and transfer of calories and nutrients to active, growing foals.

## WEANING & YEARLING

Quality protein sources and amino acids assist in the foundation, maturation and maintenance of healthy muscle. At skeletal maturity (about 2 to 4 years of age depending on breed), transition your young athlete to Ultium® Gastric Care to provide cool energy, the building blocks for continued development, and built-in gastric and immune support.

Ultium® Growth delivers a research-derived serving of Outlast® Supplement to support gastric comfort and proper pH even during stressful periods like weaning.

#### FEEDING DIRECTIONS

Start with the amounts of Ultium® Growth Horse Formula given for the weight and life stage of the horse. After observing the horse for a period of time, the amount fed may be gradually increased or decreased to obtain desired body condition and weight. For feeding directions outside the ranges addressed in these feeding charts, please contact your local Purina retailer or Purina Customer Service at 800-227-8941.

	Weight of horse in pounds				
BROODMARES	800	1,000	1,200	1,400	
		(1	bs/day)		
Minimum Hay or Equivalent Pasture*	9.50	12.00	14.50	17.00	
Ultium® Growth**		(1)	bs/day)		
Gestating Mare, last 90 days	4.25	5.25	6.00	7.00	
Lactating Mare***	6.00	7.50	9.00	10.50	

	Weight of horse in pounds							
GROWING HORSES	400	500	600	700	800	900	1,000	
	(lbs/day)							
Minimum Hay or Equivalent Pasture*	4.00	6.00	7.00	8.50	9.50	11.00	12.00	
Ultium® Growth**	(lbs/day****)							
Weanlings, Yearlings, and 2 Year Olds	7.00- 7.75	6.25- 8.25	6.75- 9.00	7.00- 9.00	7.25- 9.00	7.00- 8.75	6.75- 8.50	

# A 4-pound meal of Ultium® Growth

Horse Formula supplies a full serving of Outlast® Supplement.

NOTE: Feeding rates of Ultium® Growth Horse Formula and forage may be adjusted or feed may be top-dressed with Purina® Amplify® High-Fat Supplement for additional calories. SUCKLING FOALS: Begin offering feed within two weeks of birth. Feed 1.0 lb. of Ultium® Growth Horse Formula per month of age per day.

FEED GREATNESS®

<sup>\*</sup> This is the recommended minimum amount of hay to be fed. If feeding more hay, you may reduce the feeding rate of Ultium® Growth Horse Formula to maintain appropriate body condition.

<sup>\*\*</sup> To meet nutrient requirements, do not feed less than 0.35 lbs. per 100 lbs. bodyweight (BW) per day (3.5 lbs. per 1,000 lbs. BW) for gestating mares, 0.50 lbs. per 100 lbs. BW for lactating mares or 0.75 lbs. per 100 lbs. BW per day for growing horses (3.75 lbs. per 500-lb. BW). If your horse gains too much weight at the minimum feeding rate, transition to Purina® Enrich Plus® Ration Balancing Feed.

<sup>\*\*\*</sup> Recommended minimum amount of hay to be fed to lactating mares is 2 lbs. per 100 lbs. BW per day (20 lbs. per 1,000 lbs. BW).

<sup>\*\*\*\*</sup> Use the lower feeding rate for moderate growth rate and the higher feeding rate to support more rapid growth.