

IS YOUR HERD GETTING ENOUGH WATER?



Check the stats to meet hydration demand.

CATTLE WATER CONSUMPTION BY TEMPERATURE

Temperature	Beef cattle water intake	Dairy cow water intake
20°F (-6°C)	6-8 gal/day (23-30 L/day)	15-20 gal/day (57-76 L/day)
40°F (4°C)	8-10 gal/day (30-38 L/day)	20-25 gal/day (76-95 L/day)
60°F (16°C)	10-12 gal/day (38-45 L/day)	25-30 gal/day (95-114 L/day)
80°F (27°C)	12-16 gal/day (45-61 L/day)	30-40 gal/day (114-151 L/day)
90°F+ (32°C+)	16-20+ gal/day (61-76+ L/day)	40-50 gal/day (151-189 L/day)

EFFECTS OF TEMPERATURE ON ESTIMATED HERD WATER DEMAND

Temperature	25 head	50 head	100 head	200 head
40-60°F (4-16°C)	250-300 gal/day (946-1,136 L/day)	500-600 gal/day (1,893-2,271 L/day)	1,000-1,200 gal/day (3,785-4,542 L/day)	2,000-2,400 gal/day (7,571-9,085 L/day)
80-90°F (27-32°C)	350-400 gal/day (1,325-1,514 L/day)	700-800 gal/day (2,650-3,028 L/day)	1,400-1,600 gal/day (5,300-6,057 L/day)	2,800-3,200 gal/day (10,599-12,113 L/day)
90°F+ (32°C+)	450-500 gal/day (1,703-1,893 L/day)	900-1,000 gal/day (3,407-3,785 L/day)	1,800-2,000 gal/day (6,814-7,571 L/day)	3,600-4,000 gal/day (13,627-15,142 L/day)

WATER INTAKE BY ANIMAL TYPE

Animal	Average daily water intake
Calves	2-5 gal (8-19 L)
Dry beef cow	6-15 gal (23-57 L)
Feedlot cattle	8-25 gal (30-95 L)
Bulls	10-20 gal (38-76 L)
Cow-calf pair	12-20 gal (45-76 L)
Lactating dairy cow	30-50 gal (114-189 L)

Air temperature isn't the only factor that affects water consumption.

According to the University of Tennessee Institute of Agriculture, if the water temperature is greater than 80°F, cattle are less likely to drink it. If possible, place waterers under shade structures to keep the water cool.

